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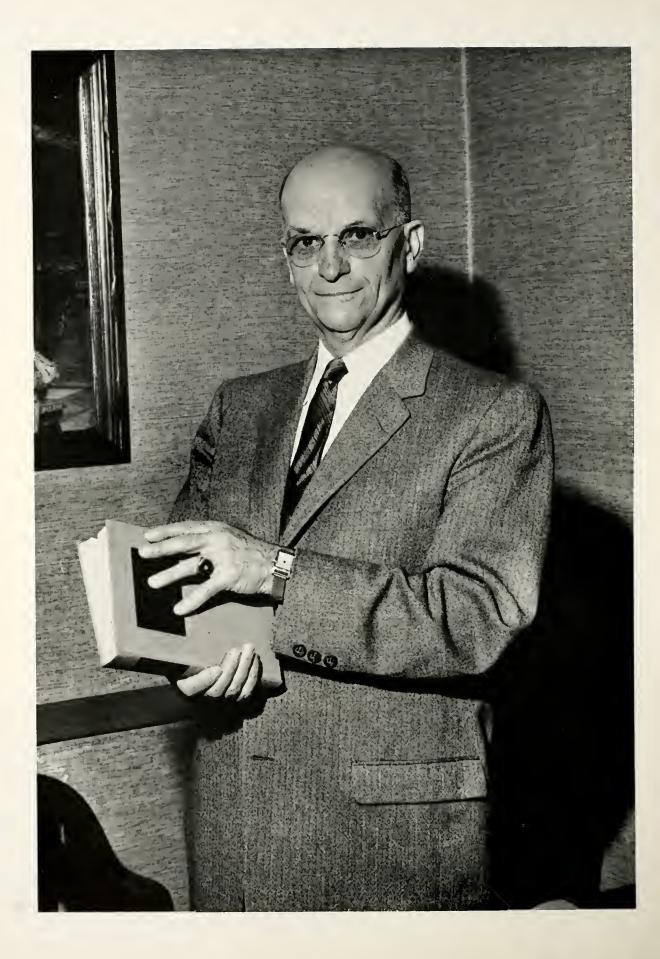
1958

# KEKIONGAN

# INDIANA TECHNICAL COLLEGE

#### FORT WAYNE, INDIANA

Editor
Assistant Editor
Assistant Editor
Photography
Photography
Photography
Photography
Faculty Advisor MR. DARROW C. FOX





### PRESIDENT'S MESSAGE

Perhaps few colleges have "grown up" as suddenly as has Indiana Technical College. One day our faculty and student body occupied approximately 40,000 square feet in a downtown building, part of which was a converted mortuary. The next day the students and faculty held classes on a campus of twenty-two buildings occupying more than twenty acres! (Those of you who were here in the summer of 1957 know that the transition, while not quite as dramatic as that, was almost as sudden!)

The root growth of Tech since its inception in 1930 made possible this sudden fruition. Fertile seed has been planted in well-tilled soil. Each of us—faculty member and student—has worked vigorously and God has blessed our efforts!

On our new campus evidence of growth is all about us. The new Dana Science Building gives testimony of continuous growth and expansion. Through the years, buildings will be added to help meet the ever-increasing responsibilities which confront institutions of higher learning. Brick, mortar and modern buildings, however, do not make a college. The essence of a college is a competent faculty, teaching curious and sincere students. We, the faculty and Administration of Indiana Technical College, pledge to you, the students, our best efforts.

ARCHIE T. KEENE, President





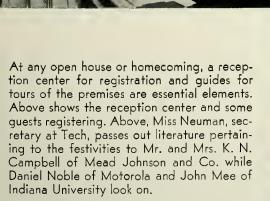


Mr. Dana speaks at Cornerstone Laying Ceremony.

The cornerstone for the new Dana Science Building on the Indiana Technical College campus is placed in position by Charles A. Dana, President of Dana Corp. as Archie T. Keene, President of the college, and other dignitaries look on.



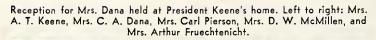




HOUSE



Professors, members of ITC Board of Directors, and recipients of citations gather for procession to dedication ceremonies in ITC's gym.





Student Joe Miller greets A. L. Freedlander, president, Dayton Rubber Co., as he disembarks from his private plane to attend Tech's festivities.







View of speaker's platform, Dedication Day, in ITC's gym.

# DEDICATION

Wheeler Sammons, Jr., Editor-Publisher, "Who's Who of America," speaks at dedication ceremony.



Sammons presenting "Who's Who" Citation to Mr. Dana.





Guests and visitors congregate before dedication.

Recipients of citations for distinguished leadership in industry followed by faculty in procession to dedication ceremony held in Tech gym.



TOLEDO CIVIC CHORUS: Roger Barnes, Director; Esther West, Accompanist; and William Hazard, Tech Instructor, guest conductor (Founder and Permanent Conductor 1951-1957). This group provided a special concert for the dedication ceremonies.





Arthur Fruechtenicht, Attorney at Law, Chairman of the Board of Directors of ITC, accepts new Dana Science Building.

Lawyer — Industrialist — Servant of Education — Benefactor of Mankind — all these titles portray the multiple facets of the man to whom was paid due tribute during the Dedication Day ceremonies.

It was Charles A. Dana, who as Founder and President of the Dana Foundation, gave Indiana Technical College the new \$300,000 Dana Science Building. When the offer of the new building was made, Mr. Dana "challenged" the college and the community to raise an additional \$600,000 to purchase equipment for the new building and to remodel and renovate the existing buildings on Tech's campus. This challenge was met through the dedicated services of committee members who worked long and diligently in behalf of the Tech Advancement Program. We know that in saluting Mr. Dana, he would be the first to point out that without the generosity of local and area firms, foundations, friends and alumni, this momentous occasion would not have been possible.

Over every enterprise

The shadow of a great man lies.

Back of all things worthy wrought

Lie his vision and his thought.

(From "One Man's Shadow")

CHARLES A. DANA
A.B., M.A., D.C.L., L.L.D.







Demonstration of magnet wire test equipment built by Research, Development and Testing Department.

### OPEN HOUSE

Dr. Dixon shows distinguished guests—Ronald Hazen, John Campbell, David Byrd and Lercy Stutzman—the Geiger counter.





Philo Farnsworth and family view general chemistry laboratory with Prof. Irving Weinstein.

Displays of native goods from Arab countries.



"Young" Tech student takes a "transit" view of the future.





C. A. OVERHOLT Vice-President and Treasurer



MAC A. FUELBER Business Manager and Director of Purchases



ROBERT C. RUHL Dean of Engineering



DONALD W. ROBINSON
Dean of Students

# ADMINISTRATION

HERMAN A. SINEMUS Administrative Engineer



INEZ M. PONTIUS Registrar

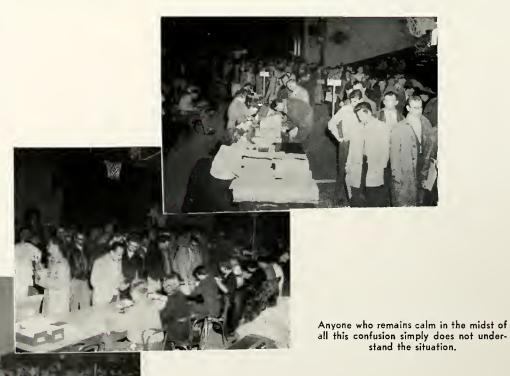




The Dana Science Building.

# REGISTRATION

DAY





HOLLY YOUNG Assistant Editor

## KEKIONGAN STAFF

The life of every man is a diary in which he writes one story but means to write another; and his humblest moment is when he compares the volume as it is, to what he vowed to make it. (Sir James Barrie).

Yearbooks have little significance other than souvenir proportion when first received. Their value to the individual increases as time passes.

The picture story which unfolds as the pages are turned, depicts the events which took place while you attended Tech. These events will probably be made more memorable for those who participated in some of the school activities.

Participation is the spice of existence—let the life you look back upon be a zestful one.

THE STAFF



RON GOULD

#### RICHARD BENDER





Coeds at Tech. Sitting, left to right: Brunhilde Zimm, Cologne, Germany; Martha Szamossi, Budapest, Hungary; Jackie Diehl, Davison, Michigan. Standing: Diana Alyanak, Istanbul, Turkey; Silvia Bingenheimer, Maui, Hawaii.

#### School Picnic



# departments

# AERONAUTICAL ENGINEERING

Aeronautical Engineering has made momentous strides in the 54 years since the first flight of heavierthan-air machines. Since the Wright Brothers first airplane to today's supersonic fighters, the aircraft industry has seen many changes. Today's aircraft designers and builders work as a team. Individual engineers concentrate their effort on small phases of the overall project, resulting in a complicated but efficient design. More and more scientific knowledge is necessary to keep pace with today's advanced aircraft. The importance of basic knowledge in the fields of mathematics, physics, and mechanics is becoming more apparent. The Aeronautical Engineering Department at Indiana Technical College strives to have the student well prepared in the basic sciences before the advanced aeronautical topics are undertaken. A graduate with a B.S. degree in Aeronautical Engineering may enter many phases of the aeronautical field. The ever increasing advances in the field of aeronautics, such as the earth satellite project, will continue to offer a challange to the engineers of the present and future.







PROFESSOR BENJAMIN L. DOW Head, Aeronautical Engineering Department

WILLIAM S. HAZARD



Right: The test section of the new wind-tunnel which was completed during the summer of 1958.



# CANDIDATES FOR DEGREE

#### First Row:

JAWAD ADHAM, Beirut, Lebanon; I.A.S., United Nations Club, Secretary of Arab Student Club; Fencing Club, Vice President, Captain of Foil Team, Sergeant of Arms; President's List, Four terms.

MUSHTAQUE AHMED, Karachi, Pakistan; I.A.S., S.A.E., United Nations Club, Pakistan Student Association, President; Fencing Club, Captain of Saber Team; President's List, One term.

FRED C. BADER, Harrison, Ohio; I.T.K.; President's List, Five terms.

#### Second Row:

HARRY LLOYD BAKER, JR., Fort Wayne, Indiana; Intramural Softball, President's List, Three terms; American Rocket Society.

DENNIS E. RELLING, McArthur, California; Flying Club; President's List, Seven terms; Caswell Engineering Drawing Award.

HEINO BORN, Baltimore, Maryland; President's List, Six terms; Honor Roll, One term.











#### LEFT First Row:

MICHAEL A. BOWEN, Fort Wayne, Indiana; President's List, Eight terms, Honor Roll, Three terms.

SIEGFRIED W. BRUNNENKANT, Heppenheim/Bergstr., Germany; I.A.S., Fencing Club, Male Chorus, President's List, Eight terms; AeE 702A, AeE114A, Winter term.

#### Second Row:

RICHARD B. DONER, Toronto, Ontario; President's List, Three terms.

GENE B. DURAND, Shelton, Washington; I.A.S., A.R.S.; Alpha Gamma Upsilon, President.

#### BELOW

#### First Row:

GORDON M. HARPER, Perry, Michigan; Fencing Club; Beta Sigma Tau; Intramural Softball and Football.

HERBERT O. KREDIET, Corsica, South Dakota; I.A.S., Secretary, Chairman; President's List Six terms.

DOUGLAS E. MacKINNON, Elberon, New Jersey; S.A.M.E.; Flying Club.

#### Second Row:

DANIEL T. MOUREY, Fort Wayne, Indiana; I.T.K.; President's List, Seven terms; Student Instructor, Phy. A, Two terms.

ROY E. PRENTICE, Wethersfield, Connecticut; S.A.M.E.; Soccer 1956-57; Intramural Softball and Basketball.

VINCENT QUAGLIARIELLO, Brooklyn, New York; Newman Club, Publicity Committee Chairman; Bowling; Fencing; Softball; Rifle Team.

# CANDIDATES FOR DEGREE





# CANDIDATES FOR DEGREE

#### First Row:

RICHARD J. RAJCHEL, South Hadley Falls, Mass.; Presi-

dent's List; American Rocket Society; S.A.E.

RUSSEL E. RHODES, Tippecanoe, Indiana; Rifle Club, Treasurer; Kemp Canon Trophy Award; Intramural Softball.
GEORGE A. SEFTON, Shandon, Ohio; President's List, One term.

#### Second Row:

LARRY C. SHROUT, Fort Wayne, Indiana; Kappa Sigma Phi, Pledge Master; Secretary, Four terms; Varsity Club, Treasurer; KEKIONGAN, One term; Fencing Team, Three Years; Captain, Epee Team.

DONALD J. SKIBA, Rochester, New York; Newman Club, Vice President; Camera Club, Chairman; Student Instructor, Phys 22, One term; Phys 32, One term.

DALE E. STEVENS, Niles, Michigan; Iota Tau Kappa, Three terms; President's List, Four terms.

#### RIGHT

#### First Row:

HAROLD E. VICKERS, Millsboro, Delaware.

HAL E. WEIDNER, Montpelier, Ohio; Kappa Sigma Phi, Recorder; KEKIONGAN, One term; Intramural Basketball and Volleyball; President's List, Two terms.

#### Second Row:

JOHN R. WENCIL, Ashtabula, Ohio; I.T.C. Flying Club, Secretary and Treasurer.

ROBERT S. WIND, Buffalo, New York; Beta Sigma Tau, Pledge Master; Intramural Football and Volleyball.

#### NOT PICTURED

ALLEN F. CULLEN, JR., Fort Wayne, Indiana; Member, American Rocket Society.

ROGER ISHIKAWA, Hilo, Hawaii; President's List, Two terms; Hawaiian Club; A.C.E.



# CHEMICAL ENGINEERING

One of the newest branches of engineering, Chemical Engineering, has advanced rapidly. Practically all industry in some stage of processing, development, or manufacturing, must depend upon men with a knowledge of chemistry. Today there are highly specialized and diversified fields such as Gas, Metallurgical, Ceramics, and Petroleum. Because of its being the basic technology underlying the development and operation of virtually all industry, Chemical Engineering will realize even greater growth in the years to come.



DR. TOD B. DIXON Head, Chemical Engineering



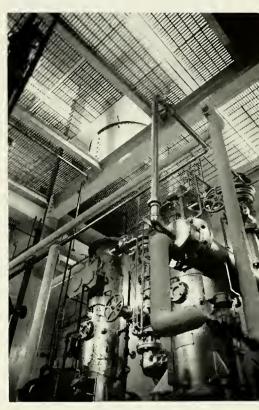


JOSEPH W. CRANMER
Assistant Professor

JOHN COCHRAN Assistant Professor



Prof. Cranmer at base of Fractional distiller.



Fractional distiller in new Lab. Building.

# CANDIDATES FOR DEGREE

#### RIGHT

#### First Row:

WILLIAM W. BROWN, JR., Milford, Delaware; American Chemical Society.

DONALD COULTER, Luton, Bedfordshire, England; American Chemical Society; American Institute of Chemical Engineers; "Technician," Reporter and Feature writer, Three terms.

#### Second Row:

JAMES P. CRADLER, Harrison, Ohio; American Chemical Society; American Institute of Chemical Engineers; Intramural Basketball and Softball.

DELBERT A. DIDIER, Mendota, Illinois; American Chemical Society, President; Sigma Phi Delta.





# CANDIDATES FOR DEGREE

#### TOP

#### First Row:

JOHN R. DOOLEY, Louisville, Ky.; American Chemical Society.

PEDRO JOSE GOMEZ MARTINEZ, Caracus, Venezuela, A.C.S., A.I.ChE.; Phi Iota Alpha.

WILLIAM A. JENNINGS, Richmond, Indiana, A.C.S., Vice-Pres. (1957); Bowling Club; Intramural Sports, Basketball, Softball, Volleyball, Touch Football; President's List (3 terms); Honor Roll (3 terms).

#### Second Row:

WILLIAM F. LaPOINTE, Clinton, Mass.; A.C.S., Pres., Sec.; Newman Club; Assistant Instructor Chem.-12 Lab. (3 terms).

GERMAN OLIVO DELGADO, Valencia, Venezuela; A.C.S., Secretary; Intramural Sports, Basketball, Bowling, Softball, Touch Football.

PAUL G. ROBERTS, Brooklyn, New York; A.C.E.; Kappa Sigma Phi; President's List (3 terms); Honor Roll (5 terms).

#### RIGHT

WILLIAM C. WOODSON, Marysville, Ohio; A.C.S.; Student Council; A.C.E.; Honor Roll (2 terms).

LEROY E. WICKLIFFE, Fort Wayne, Indiana; A.C.S.

#### NOT PICTURED

ROBERT D. FAIRCHILD, Danbury, Conn.; A.C.S.; Bowling Club; Intramural Sports, Basketball, Bowling, Softball, Touch football.

THOMAS M.E. MINDOCK, Phillipsburg, New Jersey; A.C.S.; Beta Sigma Tau; Intramural Softball.

FIDEL SALAZAR, Colombia, S.A.; A.I.Ch.E.; A.C.S.; Honor Roll (3 terms).

ATHAR A. SHAMSI, Jamaica, L.I., New York; President's List (1 term).

ERNEST KENKARS, Toronto, Ont., Canada; A.C.S.

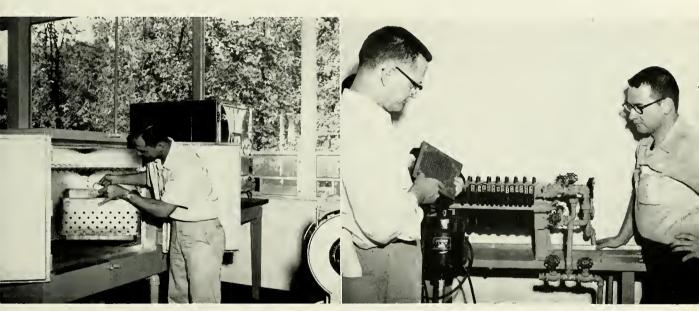






Necessary calculations follow an experiment.

Double effect evaporator.



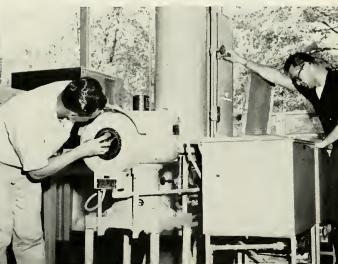
Experiment in drying.

Pilot plant, plate-and-frame filter press.

Apparatus for hydraulic and fluid flow measurements.



Apparatus for precipitation and centrifugal separation.



# C H E M I S T R Y D E P A R T M E N T

CHARLES D. DILTS
Instructor
IRVING J. WEINSTEIN
Assistant Professor

ROBERT J. SWINDELL Lecturer EDWARD P. GUINDON Instructor











DR. WILLIAM E. DONAHUE Head, Chemistry Department

Chemistry is one of the fundamental sciences, important both in that it underlies all phases of modern living and in its own right as a field of employment for the several hundred thousand American chemists. Its scope includes everything from process control and analysis to the "glamor" fields of nuclear science and radioactive tracer technique, biochemical research, and organic synthesis of vital drugs, plastics, and explosives.



Chemistry Laboratory in the new Dana Science Building.

### CHEMISTRY—Candidate for Degree

JOSEPH P. LINTEAU, Oakville, Conn.; A.C.S.; Secretary; Bowling Club; Intramural sports, Softball, Basketball; Assistant in Chemistry Lab. (7 terms).



# CIVIL ENGINEERING

The development in the various branches of engineering has created new problems in the design and construction of buildings, highways, airports, and other structures. The Civil Engineer is meeting the demands of our present age with new methods and ideas. Even though Civil Engineering is the oldest of the fields of engineering, it continues to grow and develop and provide opportunities for men of vision.



PROFESSOR ROBERT C. RUHL Head, Civil Engineering Department



CHAUNCEY McANLIS

WILLARD H. STEVENSON

DON BERGER Instructor

MELVIN H. RODENBECK

# CANDIDATES FOR DEGREES

VARTKES DAJAD AN-DONINAN, Baghdad, Iraq; Alpha Gamma Upsilon; A.S.E.; President's List, Four terms.

JAMES LEE BARNETT, Cynthiana, Ky.; A.C.E.



First Row:
WILLIAM E. BARROWS, Jacksonville, Illinois; A.C.E.; Rifle Club; Technician Staff; Intramural Softball; President's list (7 terms); Honor Roll (2 terms).
HONOR ROLL (7 Terms)
LEON BEATY, Greenfield, Indiana; A.C.E., Secretary; S.A.M.E.; Public Relations; Intramural Softball, Basketball, and Football; Bowling League; President's list (1 term).
WINSTON ALVIN BETHUNE, Kingston 10, Jamaica, British West Indies; A.C.E.; United Nations Club; Rotary Club; Y.M.C.A.; President's list (1 Term).

Second Row:

JOHN H. BRICKWEDEL, Long Island, New York; A.C.E.; Sigma Phi
Delta; Intermural Sports; Bowling Club.
BOYD L. BYERLY, Ossian, Indiana; Basketball; Varsity Club, Vice-

President, LLINAS ERNESTO CASTRO, Barranquilla, Columbia, South America; Soccer: Honor Roll (2 Terms). FORREST WAYNE COFFER, Chicago, Illinois; Secretary of Senior Class; Varsity Club, President; Student Council; Varsity Basketball; Honor Roll (1 Term); President's list (7 Terms).

#### Third Row:

WILLIAM S. DAVIS, Pittsburgh, Pennsylvania; Kappa Sigma Phi; S.A.M.E.; Bowling League; Softball.
HUGH G. DENNY, Southampton, New York; A.C.E.; President's list (1 Term) Honor Roll (4 Terms).

RICHARD J. DURGAN, Long Beach, California; A.C.E.; Society of American Military Engineers; Kappa Sigma Phi; Inter-Fraternity Councit; Fencing Team; Fencing Club.

ABRAHAM K. EL-BECK, Salhia-Sharkassia-Moukadem, Damascus, Syria; A.S.C.E.; Phi Iota Alpha; Arab Student Club; Technician; Y.M.C.A.; Audio Visual; President's list.

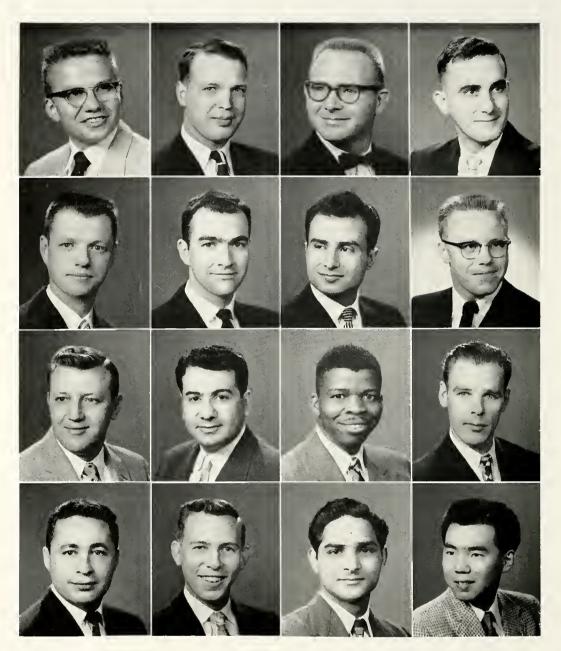
#### Fourth Row:

PAUL E. FEVERSTEIN, Two Rivers, Wisconsin.

GEORGE ALFRED FIRTH, Ontario Canada; A.C.E.; S.A.E.; I.T.C. Flying Club; President's list Honor Roll (3 Terms). ROBERT E. GATZ, Montoursville, Pennsylvania; A.C.E.; S.A.M.E.; Kappa Sigma Phi; Fencing Club; Yearbook Staff; President's list (3 Terms).

EUGENE L. GOURSUCH, Albion, Indiana; A.C.E.; Intramural Softball.

#### CANDIDATES DEGRE



THOMAS ADAM GOEBEL, Punxsutawney, Pennsylvania; A.C.E.; Sigma Phi Delta, Chaplain; Bowling Club; I.F.C. Rep.; Intramural Sports; Ping-Pong; Golf; President's list (I Term).

ROBERT GRAHAM North Manchester, Indiana: A.C.E.. Secretary:

ROBERT GRAHAM, North Manchester, Indiana; A.C.E., Secretary; Honor Roll (3 Terms); President's list (3 Terms).

GEORGE F. GRIEBEL, Brooklyn, New York; A.C.E.; lota Tau Kappa, President (2 Terms); Intramural Sports; President's list (9 Terms). JACK W. HAGERMAN, Bandy, Virginia; A.C.E.; S.A.M.E.

#### Second Row:

ROBERT M. HANDLY, Perryton, Texas; A.C.E.; S.A.M.E.; Student Council; lota Tau Kappa; President's list (9 Terms). LLOYD C. HART, Clarksburg, West Virginia; A.C.E.; Secretary of

Sophomore Class.

SYED A. HASNAIN, Karachi, Pakistan; President of Pakistan Student
Assoc.

JOHN ROBERT HIESTER, Bluffton, Indiana; A.C.E.

#### Third Row:

RALPH M. HUTTON, Jeannette, Pennsylvania; A.C.E.; Sports; Honor Roll (I Term).

MOUSTAFA SALEH IMRAN, Tripoli, Lebanon; A.C.E. President's list (I Term).

SAMUEL ADDU JACKSON, Billimah, Liberia; A.C.E.; Y.W.C.A. WERNER JASTRZEMBSKI, Decatur, Illinois; A.C.E.; S.A.M.E.; Sports.

#### Fourth Row:

DANIEL J. JERMANO, Ogdensburg, New York; A.C.E.

GEORGE ROBERT JULIAN, Alameda, California; A.C.E.; Kappa Sigma Kappa, President, Vice-President; Bowling Club, President, Vice-President; President's List (6 Terms); Honor Roll (2 Terms).

JAGESHWAR DAYAL KAPUR, Punjal, India.

KAYANO HUGO, Spokane, Washington; President's list (6 Terms); Honor Roll (1 Term).

### CANDIDATES FOR DEGREE



JOSEPH H. KREMPL, Albany, New York; S.A.M.E.
STEVE LANIK, Nanty Glo, Pennsylvania; A.C.E.; Flying Club; President's list (2 Terms).
JAIME LERNER, Caracos, Venezuella; A.C.E.; S.A.M.E.; Phi lota Alpha; Soccer Team; President's List (1 Term).
GERALD L. LINDAHL, Winters, California; A.C.E.; Honor Roll (1

Second Row:

GEORGE LORANDOS, Gary, Indiana; A.C.E.; S.A.M.E. ALFREDO MARCIANO, Valencia, Venezuela. ABDUL-KARIM N. MAWLAWI, Tripoli, Lebanon; A.C.E.; Arab Students Club; Y.W.C.A. United Nations Club. JAMES MAY, Fort Wayne, Indiana.

#### Third Row:

JOHN C. MEANOR, JR., Sewickley, Pennsylvania; Kappa Sigma Phi, Treasurer and Vice-President.

RAFAEL ARTURO MONTERO CASTRO, Valledupar, Magdalena, Columbia, South America; Soccer.

LAVERN E. MOSER, Guttengerg, Iowa; A.C.E.; S.A.M.E.; President's list (3 Terms).

THOMAS J. MOTLEY, Pottsville, Pennsylvania; Pyramid Club, Treasurer; Fencing Club, Vice-President; Intra-Mural Softball; President's list (I Term).

#### Fourth Row:

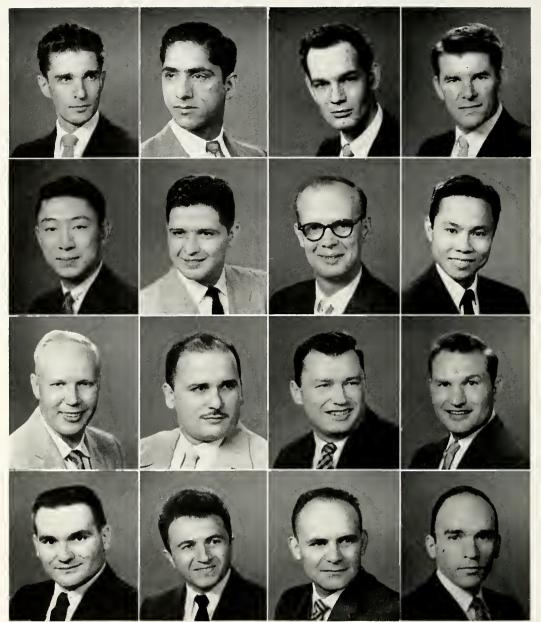
ALVIN L. NEAL, Old Fort, North Carolina.

GENE L. NEFF, Red Lion, Pennsylvania; A.C.E.; Kappa Sigma Phi, President, Treasurer; Alpha Omega Tau, President, Vice-President, Treasurer, and Secretary; Varsity Baseboll, captain; Student Council; Varsity Club; lota Tau Kappa Honorary; President's list (9 Terms); 3rd place Caswell Engineering Drawing Award; S.A.M.E.

LEWIS NERI, Lima, Ohio; A.C.E.; S.A.M.E., President; President's list (8 Terms).

HAROLD NIELSEN, Nashville, Tennessee; President's list (1 Term).

#### CANDIDATES DEGREE



PAUL F. NICHOLS, Oakland, California; A.C.E.; President's List (8 Terms).

S. L. NIROLA, Patiola, Punjal, India; United Nations Club. STUART MALCOLM NUTT, Longueuil, Quebec, Canada; A.C.E.; S.A.M.E.; Intramural Tennis.

ROBERT E. OLIGNEY, Vassar, Michigan; A.C.E.; Student Council: lota Tau Kappa; Honor Roll (1 Term); President's List (3 Terms).

#### Second Row:

RICHARD HSIEN-TEH PAI, Taiwan, China.

EOGARDO PANTOJA, Lima, Peru; A.C.E.; Swimming Team; Soccer; Weight Lifting Team; President's List (5 Terms).

GERALD E. PRICE, Elmira, New York; A.C.E., Treasurer; Intramural Basketball and Softball.

MARIANO G. REVILLA, Mapandan, Pangasinan, Philippines; A.C.E.; Newman Club; United Nations Club; Tennis Team.

#### Third Row:

ALLAN R. RITARI, Conneaut, Ohio; A.C.E.; Student Council, Vice-President; Inframural Football and Softball; President's List (4 Terms).

### CANDIDATES

PABLO RIBERA MOJICA, Puerto Nuevo, Puerto Rico.

DON MARLYN ROSBAUEN, Somerset, Pennsylvania; A.C.E.; S.A.M.E.; President's List (5 Terms).

FRED LOUIS ROSIEK, Omer, Michigan; A.C.E., Vice-President.

#### Fourth Row:

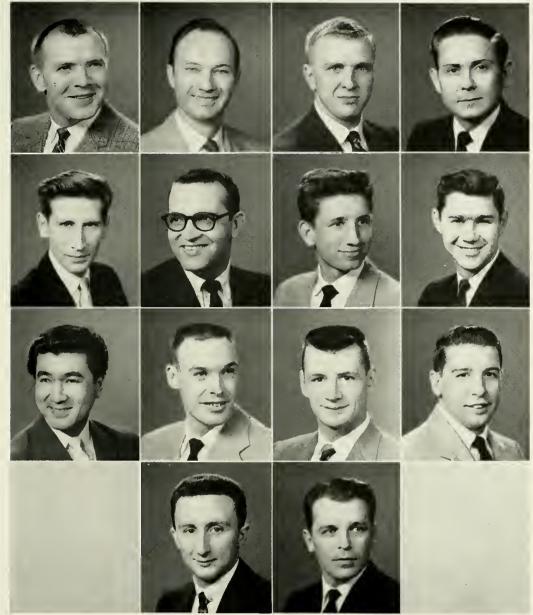
ALBERT J. ROY, Whitinsville, Massachusetts; A.C.E.; Kappa Sigma Kappa; Male Chorus; Bowling Club; Fencing Club; Rifle Team; Tennis Team; Intramural Softball; Honor Roll (I Term); United Nations Club; Newman Club.

JAMES E. SERPANOS, Belding, Michigan: A.C.E., Entertainment Committee; Phi lota Alpha; Student Council; President's List (6 Terms); Flying Club; Fencing Club; S.A.M.E.; S.A.E.; United Nations Club.

LEON P. SEVIGNY, Manchester, New Hampshire; A.C.E., President and Secretary; Newman Club; S.A.M.E.; lota Tau Kappa; President's List (7 Terms).

ALBERT SHAPIRO, Brooklyn, New York: A.C.E; S.A.M.E., President; Beta Sigma Tau, Sgt. at Arms; Inter-Fraternity Council, President; Student Council; "Technician" Staff; Intramural Bowling and Softball.

FOR DEGREE



First Row:

VANCE LEE STANHOPE, Topeka, Kansas; S.A.M.E., Vice-president and Treasurer; Sigma Phi Delta, Secretary; Student Council, Vice-president and Treasurer; Junior Class Vice-President; Senior Class President; Intramural Softball; President's List (2 Terms).

WILLIAM G. STARCK, Phoenix, Arizona; S.A.M.E.; Honor Roll (4 Terms); Y.M.C.A., Senior Member.

JOSEPH F. STARR, St. Paul, Minnesota; A.C.E.

AUGUST N. SUSZKO, Keiser, Pennsylvania; A.C.E.; S.A.M.E.; Rifle Club; President's List (4 Terms); Honor Roll (1 Term).

Second Row: THEODORE L. SZENTIVANYI, Cleveland, Ohio; Fencing Club; Flying Club; A.C.E. ROBERJ A. SZEREJKO, Worchester, Massachusetts; A.C.E.; Fencing

Club, President, GAROLD W. TAYLOR, Fort Wayne, Indiana; Pastor of "The Reorganized Church of Jesus Christ of Latter Day Saints." ROBERT A. THENE, St. Cloud, Minnesota; A.C.E.; Newman Club; Bowling Club.

Third Row:

HIDEO TOYAMA, Puuene, Maui, Hawaii; S.A.M.E., Treasurer; Hawaiian Club, President, Secretary, and Vice-President; Bowling Club; Intramural Sports; Bowling Club.

HERBERT A. UNDERWOOD, Fort Wayne, Indiana; A.C.E.; S.A.M.E.; President's List (4 Terms).

BERNARD WHITCOMB, St. Johnsbury, Vermont: A.C.E.; Intremural Sports; Honor Roll (1 Term).

WILLIAM RAYMOND WHITE, Dover, New Jersey; A.C.E.; S.A.M.E., Treasurer.

PHILLIP JOSEPH ZACCARI, Dunkirk, New York; A.C.E.; Newman Club, Correspondent Secretary; "Technician"; President's List (1 Termi, ROLLAND RICHARD ZURA, Marblehead, Ohio; A.C.E., President, Secretary; Beta Sigma Tau Fraternity, Vice-President.

#### NOT PICTURED

NOT PICTURED

ROBERT A, BRUE, Yonkers, New York, A.C.E.; Alpha Gamma Upsilon, Vice-President; Varsity Club; Intramural Sports.

GLEN L, EATON, McMinnville, Tennessee; President's List (2 Terms).

R. S. GOYAL, Patiala, Indiana.

BOHDAN WSEWOLOD KULCHYCKYJ, Philadelphia, Pennsylvania; A.C.E.; "Technician" Staff; Soccer; Volley Ball; President's List (1 Term); Ukrainian Club, President; Newman Club; S.A.M.E.; Nations United Club.

JOSE NILD PATINO DE LA OSA, Colombia, South America; A.C.E.; Softball Ball; Soccer; American Concrete Institute.

E G

# D R A F T I N G D E P A R T M E N T

Engineering Drawing is a descriptive graphical language used by engineers and designers throughout the world to express, develop, and record their ideas and information. Men of industry have indicated that Engineering Drawing is not only important, but absolutely necessary. Students need a thorough grounding in the fundamentals of science and communication, and should be trained early in the engineering approach for the solution of problems. They must have training in space visualization; they must develop their powers of analysis and synthesis; they must be given experience in creative thinking at the start of their college work; and their abilities to develop and record ideas must be constantly challenged.



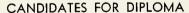
LEE F. BERNHARDT Head, Engineering Drawing







JOHN S. STEWART



NURADEEN N. ABDOOL, Trinidad, British West Indies; A.S.M.E. MAURICE G. CARPENTER, Fort Wayne, Indiana; K.A.R.C. DONALD E. COULTER, Oxford, Ohio; A.R.S.; Rifle Club.







Roy E. Ensminger, Fort Wayne, Indiana.

John Sidney Leyse, Kewaunee, Wisconsin; Lutheran Student Association.

#### Second Row:

Robert E. Martin, Russell, Kentucky. Raymond McIntyre, Michigan.

#### Third Row:

Moustapha Mounkara, Fort Wayne, Indiana; Arab Club.

Robert C. Mullins, Virginia; Kappa Sigma Phi, Corresponding Secretary; Y.M.C.A.; Basketball.



## DRAFTING DIPLOMA

#### CANDIDATES NOT PICTURED

CLIFTON W. CREEL, Pensacola, Florida.

WILLIAM E. DAVIS, Fort Wayne, Indiana.

LUIS H. DeLA PENA, Mexico; Phi Iota Alpha, Secretary, President.

LESLIE WILBUR KOLSTAN, Underwood, Minnesota; Technician Staff.

JOSEPH KOZLOWSKI, JR., Decatur, Indiana; Sigma Phi Delta, Historian; S.A.E.

NASIR A. MALIK, Daska, Pakistan; "Technician" Staff; Pakistan Students Association, Secretary.

ROBERT C. MECKLEY, Abbottstown, Pennsylvania.

CHARLES B. MEYERS, Shinglehouse, Pennsylvania.

WILLIAM R. McKINNIS, Old Fort, North Carolina; Alpha Omega Tau.

IVA NUTH, Rochester, New York.

GEORGE MICHAEL SEMENIUK, St. Paul, Minnesota; A.S.M.E., President, Vice-President; Flying Club, President, Treasurer; Ukranian Club; American Rocket Society; Editor of Local News Letter.

LEE SHRAWDER, Norristown, Pennsylvania; Male Chorus; Bowling; Weight Lifting.

RONALD DEAN STETLER, Willshire, Ohio.

T. G. TRUDEL, Fort Wayne, Indiana; Mechanical Club, President; Flying Club, Secretary.

M. MARION WILSON, Fort Wayne, Indiana.

## E L E C T R I C A L E N G I N E E R I N G

The increasing utilization of electrical power in this country makes immense demands on the Professional Electrical Engineer. He must know how to select, design, work out economics and production. He is the mastermind in the field of controls, as evidenced by today's automation. The skill and creative ability of the Electrical Engineer transforms theoretical knowledge into practical service to meet the challenges of the future.



PROFESSOR RICHARD D. DERMER Head, Electrical Engineering Department

RONALD HUGHES
Instructor



MAURICE A. SIMMONS
Assistant Professor



JOHN WHITNEY LEON SCHULZ
Assistant Professor Instructor



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KAVORK SARKIA ADOURIAN, Fort Wayne, Indiana,

THEODORE W. H. ALT, Medford, Long Island, New York; Beta Sigma Tau; Bowling League; President's List (4 Terms); Honor Roll (1 Term); Student Instructor,

GERMAN ENRIGUE ARREAZA, Caracas, Venezuela; Honor Roll (I Term).

#### Second Row:

LOWELL T. AUSTIN, Fort Wayne, Indiana.

VICTOR LOUIS BANICHER, Tarentum, Pennsylvania; Electrical Association; Beta Sigma Tau.

MILFRED E. BARNETT, Herculaneum, Missouri.

#### Third Row:

THOMAS BICKIMER, Fort Wayne, Indiana; Newman Club; President's List (4 Terms).

GERALD E. BLACKWELL, Hartsville, South Carolina; A.I.E.E.; Alpha Gamma Upsilon, President; Corresponding Secretary, House Manager, Member at Large; Varsity Club; Student Advisory Committee; Varsity Baseball; Intramural Sports.

NICHOLAS JOHN BOCKOVICH, Wilsonville, Illinois; President's List (1 Term).

#### Fourth Row:

ELMER J. BRIGGS, Akron, Ohio; Alpha Omega Tau

JOHN A. BROBST, Mt. Penn, Pennsylvania; A.I.E.E.; American Chemical Society; American Rocket Society; Technician Staff; President's List (4 Terms).

ROBERT KIMBALL BROWN, Patriot, Indiana; Alpha Omega Tau; A.I.E.E.; Kekiongan Amateur Radio Club, Treasurer; President's List (1 Term).

#### Fifth Raw:

FREDERICK CHARLES BURGETT, JR., Fort Wayne, Indiana; A.I.E.E.; Alpha Gamma Upsilon; Baseball; Fraternity Softball; Iota Tau Kappa; President's List (1 Term).

ROBERT G. BUTCHER, Charleston, Ohio; A.I.E.E.; President's List (4 Terms).

WILLIAM R. CALHOUN, Columbus, Indiana; Electrical Club; President's List (I Term).

GLEN A. CLAPPER, Duncansville, Penna.; A.I.E.E.; Student Council; Male Chorus; President's 'List (10 terms); Student Instructor—EE-120 (3 terms); President of Senior Class.

ROBERT E. CLARK, JR., Maplewood, Mo.; A.I.E.E.; Beta Sigma Tau; President's List (1 term).

LaVERN DONALD DELZER, Sioux Falls, S. Dak.; A.I.E.E., Secretary; Student Council (2 terms); Iota Tau Kappa; President's List (10 terms); Honor Roll (7 terms).

#### Second Row:

JOSEPH ALBERT DICKERSON, Baltimore 18, Maryland; President's List (5 terms).

ROBERT K. FESTA, Hamden 14, Conn.; Kappa Sigma Kappa; Inter-Fraternity Council; President's List (2 terms).

DONALD B. FORISTER, Kirkwood 22, Mo.; A.I.E.E.; Sigma Phi Delta; Honor Roll (2 terms); President's List (7 terms).

#### Third Row:

SHIGEO FUKUSHIMA, Kona, Hawaii; Hawaiian Club, Secretary; President's List (5 terms); Honor Roll (3 terms).

ANTHONY E. GALL, Butler, Penna.; A.I.E.E.; Sigma Phi Delta; Inter-Fraternity Council; Newman Club, Treasurer; Intramural Basketball; Honor Roll (3 terms).

THOMAS W. GURR, Oxford, Ohio; A.I.E.E.; President's List (4 terms).

#### Fourth Row:

ARTHUR RAY HAMELWRIGHT, Price, Utah; Alpha Gamma Upsilon; Honor Roll (Iterm).

RICHARD C. HANSEN, Mays Landing, N.J.; A.J.E.E., Corrs. Secretary; Beta Sigma Tau; "Technician" Staff; President's List (3 terms).

GEORGE G. HART, Orlando, Florida.

#### Fifth Row:

H. THURMAN HENDERSON, Hamilton, Ohio; A.I.E.E.; President's List (5 terms); Honor Roll (2 terms).

WILLIAM A. HINKLE, Ft. Wayne, Indiana.

HENRIQUE ISAZA I., Columbia, S.A.; Phi lota Alpha; Honor Roll (I term).





DUANE E. JENNINGS, Fort Wayne, Indiana; Electrical Club.

KHACHIG KARAMANOUGIAN, Aleppo, Syria.

M. FRANK LAIZA, Groton, New York; Electrical Club.

#### Second Row:

LAWRENCE A. LACOTTI, Baltimore 6, Maryland; Electrical Club; Intramural Sports.

JONAH MANN, Brooklyn 18, New York; Beta Sigma Tau.

LONNIE C. MEADOWS, Lashmeet, West Virginia; Electrical Club; Flying Club.

#### Third Row:

GERALD K. MILLER, Albemarle, North Carolina; S.A.E.; Camera Club; Honor Roll, One Term.

HENRY W. McCLURE, Birmingham, Alabama; Electrical Club, Vice-Chairman; Sigma Phi Delta, Historian, Asst. Chief Engineer; Student Council.

RALPH L. MUELLER, Nelson, Nebraska; Electrical Club, President's List (One term).

#### Fourth Row:

CHARLES D. MULES, Baltimore 14, Maryland; President's List, Eight Terms; lota Tau Kappa; Honor Roll, Three Terms; Scholastic Award (Outstanding Freshman).

PETER T. NORTMAN, Fullerton, California; Electrical Club; Beta Sigma Tau; Inframural Sports; President's List, Seven Terms.

FRED NOVAK, Springfield, Mass.; Honor Roll, One Term.

#### Fifth Row:

HERBERT W. ORTH, New York 23, New York; Kappa Sigma Kappa, Secretary; Newman Club; Flying Club; Camera Club; President's List, One Term.

ANTHONY L. OSTROSKI, Shamokin, Pennsylvania; Electrical Club; Newman Club; Intramural Sports; Honor Roll, One Term; President's List, Two Terms.

MORRIS L. OWEN, JR., Thief River Falls, Minnesota; Electrical Club; President's List, Eight Terms; Honor Roll, Four Terms,

WILLIAM R. PAYNTER, Galion, Ohio; Electrical Club; President's List (4 terms).

RODNEY PETERSON, Jamestown, New York; Kappa Sigma Phi; K.A.R.C.

RICHARD A. PLISKA, Fort Wayne, Indiana; Kappa Sigma Kappa, Vice-President, Pledgemaster, Chaplain, Treasurer, Secretary; Honor Roll, One Term.

#### Second Row:

RICHARD A. REDMOND, Lima, Ohio; President's List, One Term; Student Instructor Ph 32-A (one term).

GUY TURNER REECE, Pontiac, Michigan; Electrical Club; President's List (4 terms).

ALAN ROGGENBAUM, Leicester, New York; Electrical Club; Intramural Sports; President's List, Six Terms.

#### Third Row:

GENTIL SANCHEZ AVILA, Columbia, South America; Phi lota Alpha; Soccer Team.

THOMAS C. SCALZO, Coeymans, New York; Electrical Club; Bowling Club; Sigma Phi Delta; Student Council; Varsity Sports.

GEORGE G. SCHAFFER, Easton, Pennsylvania; Electrical Club; Honor Roll, One Term.

#### Fourth Row:

DAVID K. SEGAWA, Wahiawa, Oahu, Hawaii; Hawaiian Club; Bowling Club.

KULDIP SINGH SEKHON, Punjab, India; Electrical Club; India Association; President's List, Two Terms.

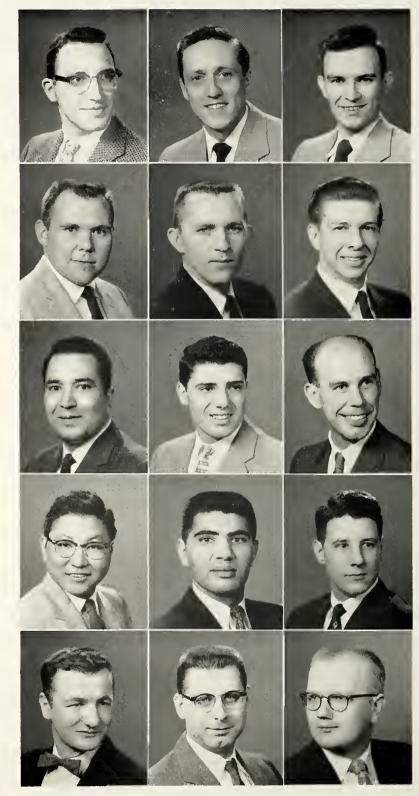
DEAN G. SHAW, Oxford, Michigan; Honor Roll, One Term; Electrical Club.

#### Fifth Row:

JAMES J. SMITH, Norwalk, Connecticut; Electrical Club; Student Instructor, ME-100 & ME-105 (Six Terms).

LeROY E. SMITH, Hammond, Indiana: Electrical Club, V-Chairman; A.R.S.; Student Council; President's List, Two Terms.

LEONARD J. STENBERG, Elmira, New York; Electrical Club, Chairman; "Technical" Staff, Circulation Manager; Iota Tau Kappa, President; Outstanding E.E. Student of 1957-1958; Student Instructor, EE 110 (3 terms), EE 130, 140, 150 (one term each).





EARNEST STEPHENS, JR., Houston, Texas; Electrical Club; Student Council; Intramural Sports.

JOHN I. STEWART, Ontario, Canada; Electrical Club; President's List (1 term).

JOSEPH C. SWAIN, Warshaw, Indiana; Sigma Phi Delta.

Second Row:

ROBERT E. SWISHER, Meshoppen, Pennsylvania; Alpha Gamma Upsilon; Honor Roll, One Term.

JAMES G. TOTH, Beacon, New York; Electrical Club; lota Tau Kappa; President's List, One Term.

STEPHEN J. TRUSIK, Barnesville, Pennsylvania; Electrical Club; S.A.M.E.; Beta Sigma Tau.

Third Row:

CHARLES H. VON WEINSTEIN, JR., West Lawn, Pennsylvania; Sigma Phi Delta, Guide, Asst. Pledgemaster; Electrical Club; S.A.M.E.; Hawaiian Club.

JOHN M. WARDMAN, Ashland, Kentucky; President's List, One Term.

CHARLES A. WILLIAMS, Harrogate, Tennessee: Electrical Club, V-Chairman; President's List, Two Terms; Intramural Sports.

Fourth Row:

BILLY WILSON, Warsaw, Indiana.

JOHN P. WILSON, JR., Lee, Maine; Electrical Club, Chairman; Physics Club; Flying Club, V-President; Student Council; Softball; Asst. Instructor, Ph 22 Lab (1 term), Ph 42 Lab (2 terms), Ph 32 Lab (6 terms); President's List, One Term.

EDWARD J. ZSOLCSAK, Calumet Pennsylvania; President's List, One Term.

Fifth Row:

LEONARD J. ZWEIGLE, Rochester, New York.

#### NOT PICTURED

GEORGE ABRAHAM, Butler, Pennsylvania. HISHAM ADHAN, Beirut, Lebanon; E.E.S.; Electrical Club; Arab Student Club; Weightlifting Club; President's List, Two Terms. BILLY J. CARR, Fort Wayne, Indiana; Electrical Club.

EARL A. DEVLIN, Matawan, New Jersey; Varsity Baseball; Iota Tau Kappa; President's

List, Seven Terms.

WOLODYMYR FEDORIW, Ontario, Canada; Electrical Club; Ukranian Student Club, President & V-President; Volleyball. S. P. GARRET, Fort Wayne, Indiana; Alpha Omega Tau, President, V-President, Chaplain; Honor Roll, One Term; Student Instructor, ME 100 (I term), EE 120-A (3 terms), EE 120 (I term), EE 140 (I term). DONALD A. McCLAIN, New Castle, Pennsylvania; Electrical Club.

JOHN H. TOY, Cape May, New Jersey; Newman Club; President's List, One Term. JOHN F. WAGNER, East Orange, New Jersey; Newman Club, Treasurer; Varsity Club: President's List, One Term.

Club; President's List, One Term. LUIS EMILIO YEPES, Bogota, Colombia; Phi Iota Alpha.

CALVIN W. YONG, Georgetown, British

## ELECTRONIC ENGINEERING

Electronic Engineering is a highly specialized branch of Electrical Engineering. The importance of electronics is recognized as a field of engineering in its own right. To the Electronic Engineer is attributed outstanding development in such realms as guided missiles, radar, color television, electronic computers, radio communication, and atomic energy. The Electronic Engineering curriculum is planned to specialize a fundamental knowledge of electrical engineering to scientific application in the field of electronics.



PROFESSOR RALPH S. CARSON Head, Electronic Engineering Department







WALTER W. APPEL

NORBERT T. TORZYN
Instructor

KENNETH W. JENKINS
Instructor









CHARLES LEE ADAMS, Spencerville, Ohio: A.I.E.E.; E.E.S.

ALLEN SPENCER, Dedham, Massachusetts; Iota Tau Kappa, President's List, Ten Terms,

THOMAS E. ALTBILBERS, Springfield, Pennsylvania; lota Tau Kappa; President's List, Every Quarter.

CHARLES KIYOSHI ASATO, Aiea, Oahu, Hawaii; E.E.S.; Hawaiian Club, Vice-President and Treasurer; Camera Club; Honor-Roll, One Term; President's List, Three Terms

#### Second Row:

ROBERT E. ATKINSON, White Hall, Illinois; E.E.S.; Bowling Club.

ROBERT E. BABB, Burlington, Iowa; President's List.

IRVINE BANKS, Phoenixville, Pennsylvania; E.E.S.

SIGMUND A. BIENER, Brooklyn, New York; A.E.S., Chairman; E.E.S.; Electrical Club; Student Council; Honor Roll, Two Terms; Student Instructor, RE 110A, EE 120, Ph 42A.

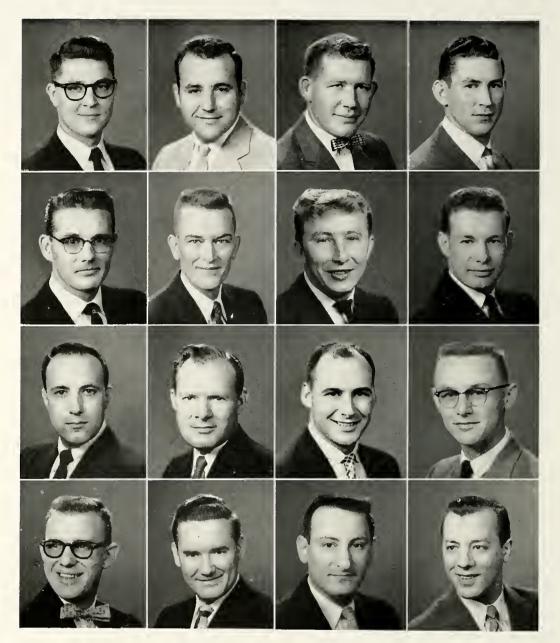
#### Third Row:

LEONARD A. BIRKELAND, New London, Minnesota; E.E.S.; President's List, Two Terms,

BYRON H. BOAN, Albuquerque, New Mexico; President's List, One

ROBERT E. BOYETT, Winnsboro, Louisiana; A.E.S., Chairman, President's List, Four Terms.

DAVID C. BROWN, Red Springs, North Carolina; Sigma Phi Delta.



Club; President's List, One Term.

Club; President's List, One Term.

DONALD A, BUTTERWORTH, Inhaca, New York; A.E.S., Secretary; President's List; Lab Technician.

GERALD A, CALLIES, Bruce, Wisconsin; E.E.S.; Beta Sigma Tau, Athletic Director; President's List, Three Terms.

ROBERT E, CAMPBELL, Concord, North Carolina; E.E.S., Treasurer; President's List, Three Terms.

#### Second Row:

JOHN J. CATTOLL, Middletown, New York; A.I.E.E.; Kappa Sigma Phi; S.A.M.E.; President's List, Three Terms.

JAMES L. CARSON, Dyersburg, Tennessee; E.E.S.; lota Tau Kappa, Secretary & Treasurer; President's List, Eight Terms.

VLADIMIR J. CIMERA, Ciudad Bo'livar, Venezuela; E.E.S.; Beta Sigma Tau.

CALVIN COLLIER, Franklin, Ohio; E.E.S., Publicity Director; Sigma Phi Delta, Business Manager & Secretary; Student Council; Intramural Sports; President's List, One Term.

#### Third Row:

NORMAN PHILIP COPP, Fort Wayne, Indiana; E.E.S.; Bowling Club; Honor Roll, Three Terms.

DELMAR R. CORE, Fort Wayne, Indiana; President's List, Three Terms.

JACK CORSIGLIA Columbus, Ohio; Student Instructor, Ph 42 Lab, Ph 22 Lab, RE 250 Lab.

RICHARD A. COURTNEY, Hoytville, Ohio; A.I.E.E.; E.E.S.; President's List, Six Ferms; Honor Roll, One Term.

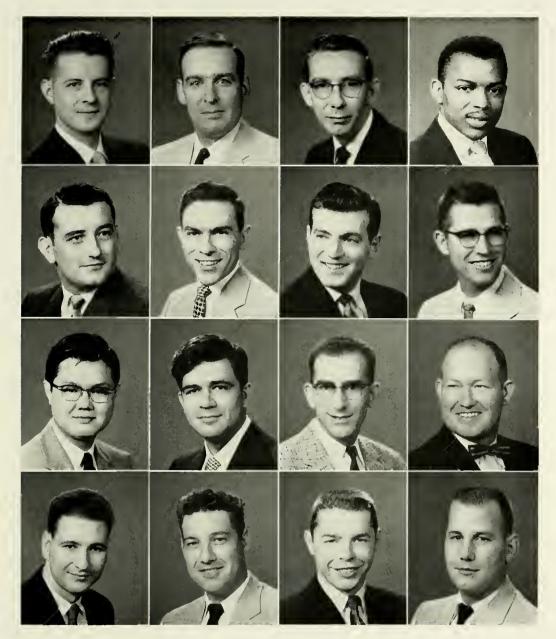
#### Fourth Row:

CHARLES R. DANIELS, Jeffersonville, Indiana; Alpha Omega Tau, President, Vice-President, Business Manager; President's List, One Term.

CLYDE F. DAVENPORT, JR., Fort Wayne, Indiana; E.E.S.; K.A.R.C., President, Secretary; Student Council; President's List, Three Terms.

GEORGE DERVINIS, Indianapolis, Indiana.

SALVATORE A. DIELI, Brooklyn 23, New York; E.E.S.; A.E.S.; President's List, One Term.



PHILIPPE F. DOYON, Quebec City, Que., Canada: Iota Tau Kappa; President's List, Eight Terms.

HAROLD S. EISLET, JR., Columbia City, Indiana; President's List, One Term.

ROMIE J. ERWOOD, JR., Valdese, North Carolina; A.I.E.E.; A.E.S., JOHN 8. EVANS, Church Point, Louisiana; E.E.S.; "Technician," Advertising Manager.

#### Second Row:

TED L. EVERSON, Fort Wayne, Indiana; President's List, Five Terms. EDWARD J. FABER, Hamilton, Ohio; E.E.S.; Beta Sigma Tau, Inter-Fraternity Sports.

STANLEY S. FISCHMAN, Philadelphia, Pennsylvania; A.E.S.; Student Council; Bowling Club.

CHARLES E. FLECK, North Manchester, Indiana.

#### Third Row:

PATRICK M. FONG, Kingston, Jamaica B.W.I.; E.E.S.; Chinese Club. LESLIE E. FRIEDLINE, Jennerstown, Pennsylvania; Iota Tau Kappa, Honor Roll, One Term; President's List, Four Terms.

SIMON GARABEDIAN, Fort Wayne, Indiana; President's List, Five Terms.

ALBERT R. GIBSON, McComas, West Virginia; Flying Club, President, Treasurer; Sigma Phi Delta; President's List, One Term,

#### Fourth Row:

HERBERT 8. GOLDMAN, 8ronx 68, New York; A.E.S.; President's List, One Term.

LARRY M. GOODMAN, Sharon, Tennessee: E.E.S., Secretary; President's List, One Term; Vice-President Freshman Class.
STANLEY M. GRAY, Fort Wayne, Indiana: Sigma Phi Delta.
DARRELL E. GREEN, Mackay, Idaho; E.E.S., Chairman.



First Row: JERRY A. GREEN, Skaneateles, New York; E.E.S.; Kappa Sigma Phi, Vice-President; Bowling Club; Intramural Sports; Inter-Fraternity Council.

CII.
HAROLD L. HANKINS, JR., Flora, Indiana; E.E.S.; Beta Sigma Tau,
Rerording Secretary; President's List.
ERNST HANS HANNEMANN, Appleton, Wisconsin; E.E.S., Treasurer; Honor Roll, Four Terms; Iota Tau Kappa; President's List, Nine

Terms. RICHARD H. HANSON, Northport, Michigan; lota Tau Kappa, Vice-President: President's List, Nine Terms; Student Instructor, RE 140A.

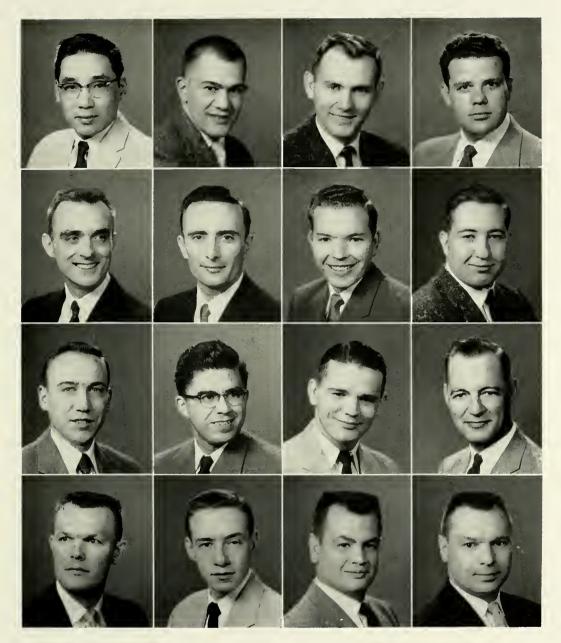
Second Row:
GORDON HAYES, JR., North Manchester, Indiana; Alpha Omega Tau.
ISAMU HIGA, Lawai, Kauai, Hawaii; Hawaiian Club; K.A.R.C., Treasurer
HERBERT HOFFMAN, Bronx S3, New York; President's List, Three Terms,
HARVEY J. HUNT, Coeur d' Alene, Idaho; E.E.S.; President's List, Three Terms.

#### Third Row:

ANTON H. JESSBERGER, Columbus, Ohio; E.E.S., Treasurer; Newman Club; President's List, One Term.
HAROLD KLUEVER, Westlake, Ohio; Iota Tau Kappa; President's List, Eight Terms.
PAUL ANDREW LATSEY, Arlington 74, Massachusetts; Sigma Phi Delta; Inter-Fraternity Council; Intramural Sports; President's List, One Term.
DONALD E. LAWTON, Troy, New York; E.E.S., Vice-Chairman & Secretary; Soccer Team; Honor Roll, One Term; President's List, Six Terms; Student Instructor, Ph 42 Lab.

#### Fourth Row:

HOWARD E. LEHR, Cleveland, Ohio; E.E.S.; Beta Sigma Tau, Secretary; Intramural and Inter-Fraternity Sports; Bowling Club. CARL W. LILIE, St. Marys, Ohio. WILLIAM D. LOUDIN, Armathwaite, Tennessee; President's List, Three Terms.
ROBERT H. MACK, St. Vincennes, Indiana; E.E.S.; A.I.E.E.; Alpha Omega Tau.



HARUO MATSUNAGA, Maui-Territory of Hawaii; E.E.S.; Hawaiian Club; President's List, Four Terms THOMAS C. McCORMICK, Brush Valley, Pennsylvania; E.E.S.; Bowling Club. CLYDE E. McCRAY, JR., Washington C. H., Ohio; E.E.S.; President's List, Five Terms.
RAYMOND C. McGUIRE, Ashland, Kentucky; Flying Club, Safety
Officer.

#### Second Row:

JAMES W. McVAY, Johnstown, Pennsylvania; Honor Roll, Three Terms. FREDERICK J. MIMKEN, Hamburg, New York; E.E.S.; President's List, One Term; Student Instructor, RE 250A. B!LLY JOE MOONEY, Idabel, Oklahoma; E.E.S.; President's List, Four Terms; Asst, Lab. Instructor, RE-120A.

FREDERICK MOWERY, Nescopeck, Pennsylvania; Alpha Gamma Upsilon, Sgt. at Arms, Asst. House Manager; Weightlifting Club; Honor Roll, One Term.

Third Row:
CHARLES D. MYERS, Peoria, Illinois; E.E.S.; Beta Sigma Tau; Honor Roll, One Term.
TRINIDAD E. NORIEGA, Barstow, California; Flying Club, Publicity Officer; "Technician" Staff; Honor Roll, Two Terms.
CHARLES M. OKERSTROM, West Palm Beach, Florida; E.E.S.; Iota Tau Kappa; President's List, Eight Terms.
RICHARD C. PETERSON, Arco, Minnesota; President's List, Two Terms.

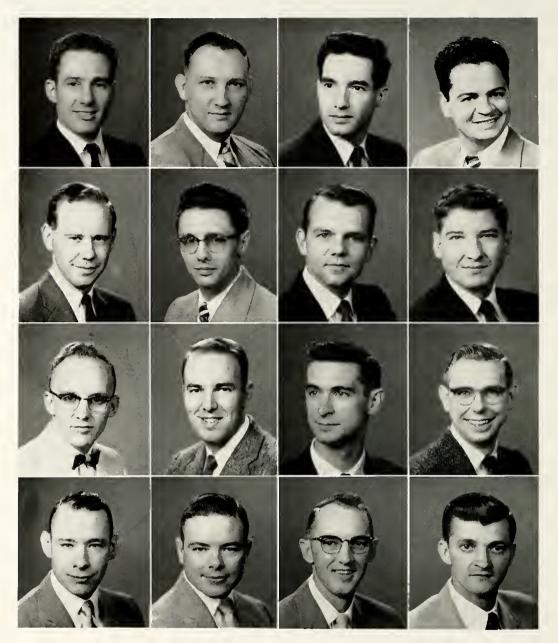
#### Fourth Row:

Pourth Row:

DOUGLAS L, PERKINS, Tallahassee, Florida
GEORGE H. PETERSON, Hubbard, Ohio; E.E.S., Vice-Chairman;
Sigma Phi Delta, Pledgemaster, Business Manager; Bowling Club,
President, Secretary; Student Council, Secretary; Student Instructor,
RE 120A, One Term.

ALVARO QUIROS, Van Wert, Ohio; E.E.S.; K.A.R.C., Publicity Chairman, Secretary; Pistol Club; Pistol Team; Student Instructor, RE 150 Lao. KENNETH P. REED, Altoona, Pennsylvania; E.E.S., Publicity Director; Flying Club.

#### CANDIDATES R DEGREE



#### First Row: KENNETH E. REESER, Peoria, Illinois; E.E.S. EDWIN E. RILEY, Baltimore, Md. JULIAN C. ROBERTS, JR., Miami, Fla. JOSE AGUSTIN RODRIGUEZ MORENO, Chitre Rep. Panama; Catholic Newman Club; Honor Roll (1 term).

#### Second Row:

LIGVARS J. SALISAIS, Baltimore 7, Md.; E.E.S.; A.I.E.E.; lota Tau Kappa; Outstanding Freshman Award, Spring 1956; President's List (B terms); Student Instructor, RE 130-A (I term).

MELVIN R. SCHOONOVER, Adrian, Mich.; E.E.S.; A.I.E.E.; lota Tau Kappa; Honor Roll (7 terms); President's List (5 terms); Student Instructor, M-21 (I term).

ROBERT J. SCHORNSTEIN, Wilkes-Barre, Penna.; E.E.S. DONALD F. SCHROCK, Austin, Texas: E.S.; Intramural softball, golf, football.

#### Third Row:

LEGN M. SCHULZ, Lowville, New York; E.E.S.; A.E.S.; K.A.R.C.; Flying Club; Electronic Dept. Outstanding Student 1956-57; President's List (I term).

GEORGE W. SCHUMACHER, Ansonia, Conn.; Kappa Sigma Phi; President's List (S terms).

STEPHEN R. SEDORE, Beacon, New York; A.I.E.E.; E.E.S.; President's List (7 terms); Honor Roll (2 terms).

RICHARD F. SIECK, Richmond, Indiana; E.E.S.

#### Fourth Row:

CARROLL K. SIMKINS, Clearfield, S. Dak.; President's List (6 terms); Honor Roll (2 terms).

DONALD K. SIMKINS, Clearfield, S. Dak.; President's List (7 terms); Honor Roll (2 terms).

ROS5 K. SMITH, La Jara, Colorado; E.E.S.; Honor Roll (2 terms); Physics Lab Assistant—Phy 22-A (1 term). Phy 32-A (1 term).

STEPHEN SPISHOCK, Philadelphia, Penna.; A.I.E.E.; Student Council (2 terms). cil (2 terms).

## IDATES



FIRST KOW:
ROBERT E, STICKEL, Peoria, Illinois; Honor Roll (1 term).
ANTHONY STOLL, Enhaut, Penna.; E,E.S.; A.I.E.E.; Intramural soft-ball, pasketball, ping-pong.
PHILIP J. SURICO, Bellwood, Illinois; A.I.E.E.; Beta Sigma Tau,
Corrs. Secretary; Bowling Club; Iota Tau Kappa; Deans List (9)

DONALD LEE TIMMERMAN, Fairfield, Iowa; E.E.S.

Second Row:

Second Row:
THOMAS E USAI, East Paterson, N.J.; E.E.S.; Camera Club, Secretary; Bowling Club; lota Tau Kappa; President's List (7 terms); Honor Roll (4 terms); Student Instructor—EE 120, 5 terms; Intramural Basketball and Softball.
ROLAND M. VAN DRUFF, Salina, Kansas; A.E.S.; E.E.S.; Student Council (2 terms); President's List (5 terms); Student Instructor—EE-120A (4 terms); Sophomore Class President.
ROBERT A. WILLIAMS, Fort Wayne, Indiana; A.I.E.E.; E.E.S.; President's List (3 terms).
CARL E. WINSEL, Independence, Mo.; E.E.S.; President's List (1 term).

term).

Third Row:

Ihird Row:

JAMES F. WINTERS, Butler, Penna.; A.I.E.E.; Varsity Baseabli (3 yrs.);

Baseball Scholarship.

HAROLD WORLEY, Bainbridge, Indiana; A.I.E.E.; E.E.S.; Bowling

Club; President's List (1 term).

ROBERT S. YOESTING, Lima, Ohio; E.E.S.; Sigma Phi Delta, House

Manager; Intramural Basketball; President's List (1 term).

ROBERT D. YOUNG, Fort Wayne, Indiana; President's List (3 terms).

#### Fourth Row:

JONAS S. ZMUIDZINAS, Fort Wayne, Indiana; Iota Tau Kappa; Alpha Gamma Upsilon Scholastic Award: Eugene Pulliam Scholar-ship; President's List (7 terms); Honor Ro!! (4 terms); Student Instr. —Ma-31 (1 term).

#### NOT PICTURED

NOI PICTURED

BRUCE D. BROWN, West Reading, Penna.; E.E.S.; Student Council; Honor Roll (7 terms); Inframural Basketball

JOHN H. BUTCHER, Kewanee, Illinois; Kappa Sigma Phi, Sgt.-at-Arms; President's List (3 terms); Honor Roll (6 terms); Assistant Lab Instructor—Re-ISDA (1 term).

JAMES A. COVERT, Lodi, New York; Alpha Gamma Upsilon, Vice-President; Newman Club; Student Council; Varsity Baseball; Intramural Baseball, football, track; President's List (4 terms), ROBERT E. HARTMAN, Barberton, Ohio; A.E.S.; President's List. KARIMEH S. MOHAMED, Tripoli, Lebanon; Arab Club; A.E.S.; E.E.S.

JOSEPH A. LACIVITA, Hubbard, Ohio; Sigma Phi Delta, Historian; Bowling Club; Technician. HARLOW B. OLSON, Willmar, Minnesota; E.E.S.; President's List (2

ferms).

WALTER IRVIN PARK, Ft Wayne, Indiana; President's List (2 terms).

FRANK R. PUMAREJO, New York 31, N.Y.; Inframural Softball,

DALE LYNN TAYLOR, Dayton 10, Ohio; E.E.S.; Varsity Club; Student
Council; Tennis Team (3 yrs.); President's List (2 terms).

PETER VARHOLA, Tarentum, Penna.; A.I.E.E.; Newman Club; President's List (6 terms); Honor Roll (1 term).

DONALD SIEBOLD, Ft. Wayne, Indiana; E.E.S.

#### $D \Delta T$ DEG

## ENGLISH DEPARTMENT

#### Below:

EARL D. N	MAYER .					. Assistant Professo	٢
DARROW	C. FOX					. Assistant Professo	٦
ALVIN C.	STEINBA	СН				Instructo	٦
WILLIAM	R. APPLE	GA	ΤE	 	 	Lecture	r



#### Right:

HELEN DINIUS Lecturer
MARGARET HUFF Assistant Professor
HELEN RIORDAN Lecturer
SARA STIRLING Lecturer
MARY E. SMITH Lecturer
CATHERINE WEDGE Lecturer



MARY E. WEIMER
Associate Professor
Head, English Department



## MATHEMATICS DEPARTMENT

CANDIDATES FOR DEGREE



JOHN C. FENECH Detroit, Mich.

NOT PICTURED

ALBERT SANTINI
Buffalo, N. Y.

In our complex society, scientific progress depends on the mathematician, the engineer, and many other scientists whose primary tool is mathematics. The Department of Mathe-

#### First Row:

CHARLES R. CARR Associate Professor
FRED H. CRONINGER Lecturer
RADOSAV RAKETIC Instructor
ROBERT G. HOEHN Assistant Professor
GEORGE ANNA HODGSON Lecturer
RICHARD E. SARBER Instructor
HUGH G. HARP Associate Professor



DR. RALPH W. YOUNG Head, Math Department

matics offers a well rounded course for the young mathematician, as well as the essential mathematics for the engineering, physics, and chemistry students.

#### Second Row:

DANIEL T. DWYER	Instructor
RUTH SPREUER	. Lecturer
GARVER C. WRIGHT Assistan	t Professor
WALTER W. BARTLETT	Instructor
GORDON L. COLE	Instructor
CHARLES W. PECK	Instructor



## M E C H A N I C A L E N G I N E E R I N G

The field of Mechanical Engineering is so broad that no man can be an authority on all of its branches. Consequently, Mechanical Engineers tend to become specialists in chosen branches. Therefore, the student is given a thorough background in the basic sciences. This field is very extensive, for practically every manufactured article requires the services of mechanical engineers both in the design of the machine on which it is made and in the production of the article on those machines in the factory.



DR. IVAN A. PLANCK Head, Mechanical Engineering







CLEO J. QUINN Instructor

EDMUND T. NAPIER Instructor

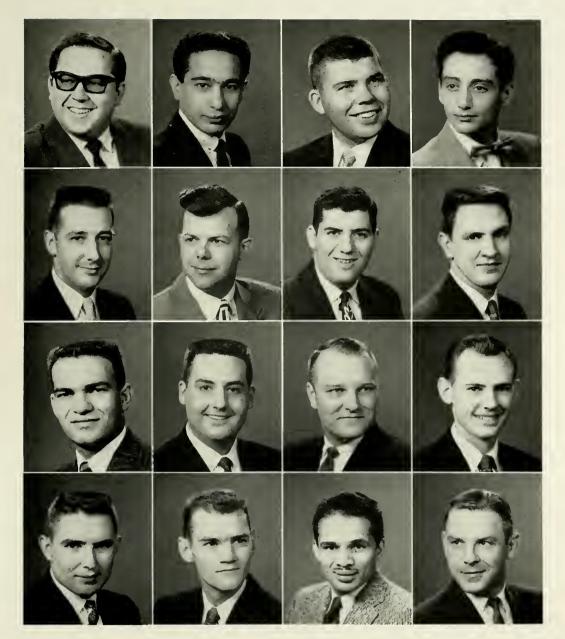
HOWARD MACKLIN Associate Professor

ROBERT R. MARSHALL Assistant Professor









BERNARDO B. ABBADIE VAZQUEZ, Habana, Cuba; Phi lota Alpha; Honor Roll, One Term. HARI SHAMDAS ADVANI, Bombay 22, India; India Association,

HARI SHAMDAS ADVANI, Bombay 22, India; India Association, S.A.M.E., RONALD L. ALT, Fort Wayne, Indiana; Mechanical Club; S.A.E.; A.R.C.; Newman Club, Chairman; Student Council; Intramural Sports; President's List, One Term.

AHMAD MOUTAA ASSIL, Damascus, Syria; Arab Student Club, Vice-President & Treasurer; Fencing Club.

#### Second Row:

RICHARD E BARCLAY, Apollo, Pennsylvania; A.S.M.E., Secretary; Bowling Club.

RICHARD BARNEY, Port Huron, Michigan; S.A.E.; Intramural Sports;

Honor Roll, Two Terms.

SAMUEL BAROODY, Wilkes-Barre, Pennsylvania.

THOMAS DENNIS BEUCHEL, Fort Wayne, Indiana; Alpha Gamma
Upsilon, Recording Secretary.

#### Third Row:

ROGER L, BIPES, Ottumwa, Iowa; A.S.M.E.; S.A.E.; President's List

(One Term),
JERRY D. BOLDS, Fort Wayne, Indiana.
ALAN BOTT, Minersville, Pennsylvania Mechanical Club, Secretary,
Treasurer, Vice-President; S.A.E., Secretary, Treasurer; Student Coun-

THOMAS L. BRADFORD, Lewisburg, Tennessee; Kappa Sigma Phi; Intramural Football; Inter-Fraternity Softball.

#### Fourth Row:

Fourth Row:

NOBERT D. BRAND, Ohio City, Ohio.

JOHN LEWIS BRENDELL, Candler, North Carolina; Mechanical Club; Intramural Sports.

MEREDITH A. BRISTOL, Castries, St. Lucia, B.W.I.; S.A.M.E.; Soccer Team: Tennis Team.

HARRY F. BROWN, Louisville II, Kentucky; A.S.M.E., Chairman, V. Chairman, Treasurer, Secretary; S.A.E., Chairman, Secretary; Alpha Omega Tau, Vice President & Secretary; Student Council; "Technician" Staff; Intramural Sports; President's List, Six Terms.

#### DIDATES FOR DEG



JAMES R. BUGLASS, Mauston, Wisconsin.

ALAN G. BURROUGHS, Liverpool, New York; A.S.M.E.; Pistol Club: Secretary & Treasurer; S.A.E., Vice-Chairman; Bowling Club; President's List.

FRED N. BYERS, Pompano Beach, Florida; A.S.M.E.; Varsity Basketball

MALCOLM L. CHAMPION JR., Morton, Mississippi; S.A.E.; Bowling Club; Golf Team; President's List, Two Terms.

#### Second Row:

ROBERT A. CHESTER, Fort Wayne, Indiana; A.S.M.E.; Kapoa Sigma Phi, President; S.A.E.; President's List, Three Terms.

JAMES T. COAN, Washington Court House, Ohio.

RONALD T. COOK, Cherry Tree, Pennsylvania.

JAMES L. CREECH, Kingsport, Tennessee; S.A.E.; Mechanical Club; Sigma Phi Delta, President & Secretary; Student Council; Intramural Sports; President's List, Four Terms; Student Advisory Committee; Vice-President, Senior & Soohomore Class.

#### Third Row:

Ihird Row:

ANGELO DAMILATIS, New York, New York; Mechanical Club; President, Gymnastic Team, Captain; President's List, Four Terms; Student Instructor, Physical Education.

JACK I. F. DAVIS Fort Wayne Indiana; S.A.E.; Iota Tau Kappa, President; Caswell Engineering Drawing Award ED-14; President's List, Seven Terms; Student Advisory Commitete.

DANIEL B. DAWLEY, Hope, Rhode Island; S.A.E.; Kappa Sigma Phi; Iota Tau Kappa; President's List, Eight Terms; Student Instructor, AM-51 (3 terms), AM-41 (1 term), ME-100 (3 terms).

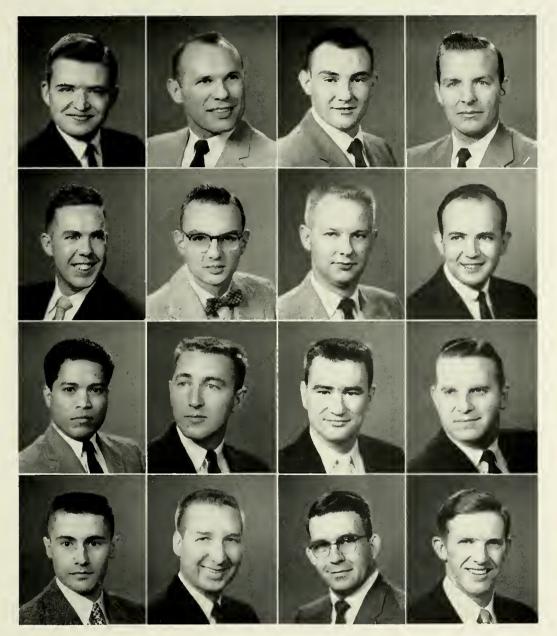
HARRY J. DELL, Camp Hill, Pennsylvania; A.S.M.E., President; S.A.E.; Student Council; President's List, One Term; Intramural Sports.

#### Fourth Row:

ROLLAND R. DESAUTELS, Whiting, Vermont; A.S.M.E., President; S.A.E.; Student Council; Honor Roll, One Term; President's List, Six

Terms.
RUSS B. DHONDY, Bombay I, India; S.A.E.; S.A.M.E.
RUSS B. DHONDY, Bombay I, India; S.A.E.; S.A.M.E.
KWAME ESUON DOUGAN, Ghana, West Africa; A.I.E.E.; Fencing;
Weightlifting; Soccer, Honor Roll.
EDGAR ECHEVERRI, Colombia, S.A.; Mechanical Club; S.A.E.

#### CANDIDATES D EGRE



DANIEL D. EICHENAUER JR., Defiance, Ohio; A.S.M.E.; Male Chorus. CLARENCE CARL EICHMAN. Springfield, Ohio; S.A.E.; President's

CLARENCE CARE LIGHTAL. CLARENCE CARE LIST. TWO Ferms.

CYRIL G. ELSINGER, Guttenberg, lowa; Beta Sigma Tau; President's List, Two Terms; Intramural Sports; Assistant Instructor, ME-100, ME-105 (4 terms).

HENRIK F. ESKESEN, Poughkeepsie, New York; Mechanical Club; President's List, One Term.

Second Row:
GORDON L. FERGUSON, Fort Wayne, Indiana; Mechanical Club; S.A.E.; Student Council; KEKIONGAN, Business Manager; President's List, Two Terms.
LOREN A. FINDLY, Butte, Montana; President's List.
KENNETH W. FRÖBERG, Osseo, Minnesota; S.A.E.; "Technician" Staff, Intremural Sports; President's List, Four Terms; Student Instructor, Ph 32 Lab (3 terms), Ph 22 Lab (1 term), ED-14 (3 terms), VITO V. GASSI, Flushing, New York; Mechanical Club, Vice-President & Secretary; S.A.E.; Rifle Club; KEKIONGAN Staff, Photographer; Bowling Club; President's List, One Term.

#### Third Row:

SUBHAS CHANDRA GHORAI, Calcutta 29, India; India Association, President: Camera Club; lota Tau Kappa; President's List, Eight Terms; Student Instructor, Ph 22A; Golf; Soccer; Tennis.

DALE ROBERT GRAFT, Ossian, Indiana: Varsity Club; President; Varsity Basketball (4 years); President's List, Three Terms; Honor Roll, Nine Terms; Student Instructor, PE II & 12.

PHILLIP B. GUHL, Flora, Illinois.

NORMAN D. GUY, Alliance, Ohio; A.S.M.E.; S.A.M.E.; Secretary Sophomore Class.

#### Fourth Row:

Fourth Row:
SHAFEEH MOHAMED HAMZEH, Tripoli, Lebanon; Mechanical Club;
S.A.E.; A.R.S.; President's List; Honor Roll, Three Terms.
THOMAS C, HANEY, Adrian, Michigan; Mechanical Club; President's List, Thre Terms; Caswell Engineering Drawing Award ED-13;
Student Instructor ED-11, 12 & 13 (9 terms).
CLYDE TODD HAVEY, Carbondale, Colorado; S.A.E.; Mechanical Club; Kappa Sigma Kappa; President's List, Four Terms; Student Instructor, ED-31 (1 term).
CARL A. HAWTHORNE, Blanchester, Ohio; Bowling Club.

#### FOR DEGRE CANDIDATES



PAUL S. HERSHEY, York, Pennsylvania; Mechanical Club, Secretary; President's List, Two Terms; Intramural Sports.

JON T. HILES, Belleville, Ontario, Canada; Mechanical Club; S.A.E., Treas.; Alpha Gamma Upsilon, Secretary, Member-at-Large; Student Council; Inter-Fraternity Council, President; Student Instructor, ME 100 (3 terms).

BERNARD HOFFMAN, Fort Wayne, Indiana; Flying Club, Membership Officer.

ELDEN W. HUTTULA, Bruce Crossing, Michigan; Mechanical Club, Exec. Comm.

#### Second Row:

JEROME C. KALL, Lakewood 7, Ohio; Alpha Gamma Upsilon, House Manager, Sgt.-at-Arms; Varsity Club; Intramural Sports.
THEOHARIS CON, KEHAYIOGLOU, Athens, Greece; S.A.E.; Mechanical Club; Weightlifting Club; President's List, One Term; Honor Roll, One Term.

WALTER F. KLEIN, Fort Wayne, Indiana; S.A.E., Treasurer; President's List, Six Terms.

RICHARD D. KOHL, Hastings, Nebraska; Mechanical Club, Treasurer; Kappa Sigma Phi; Student Council; Intramural Sports; Pres. Freshman Class.

#### Third Row:

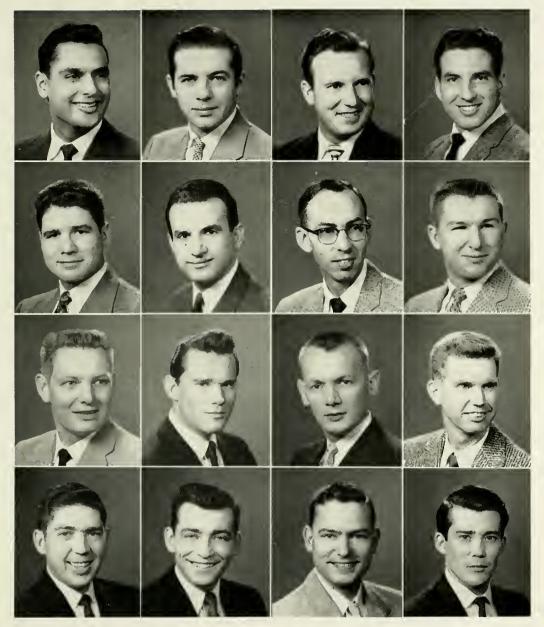
WALTER L. KOINZAN, Elgin, Nebraska: Kappa Sigma Phi; Flying Club; Caswell Engineering Drawing Award.
SIEPHEN D. LaCROIX, Advance, Missouri; Mechanical Club; President's List, Two Terms.
DAVID E. LAYWELL, JR., Bidwall, Ohio; S.A.E.; Student Council.
L. JAMES LEONARD, Marion, Indiana.

#### Fourth Row:

STEPHEN V. LIBBING, Fort Wayne, Indiana; Mechanical Club, GOSTHA B. MAITY, W. Bengal, India; Mechanical Club; Rifle Club. DAVID W. McCARTY, Mt. Gilead, Ohio; Mechanical Club, Secretary, Treasurer, Chairman; President's List, Eight Terms; Honor Roll. Three Terms; Intramural Sports.

RICHARD D. McKENNA, Jerseyville, Illinois; Mechanical Club; Bowling Club, Treasurer; Weightlifting Club, Treasurer; Intramural Sports; President's List, Two Terms; Sportsmanship Award 1957 (Bowling)

#### IDATES DEGR



PAWAN K. MEHRA, New Delhi, India; Kappa Sigma Kappa; Iota Tau Kappa; President's List, Two Terms.

MAX G. MILLER, Mt. Cory, Ohio; Intramural Sports; Honor Roll, Two Terms; President's List, Four Terms.

PAUL NEWHOUSE, Alliance, Ohio; S.A.E.; Mechanical Club; Beta Sigma Tau; Intramural Sports.

THOMAS L. O'NEILL, Lima, Ohio; Mechanical Club; Weightlifting Club; President's List, Five Terms.

#### Second Row:

JOHN F. O'ROURKE, Pittsburgh, Pennsylvania; Mechanical Club; S.A.E.; Newman Club; Inter-Fraternity Council; President's List, Three Terms.

GEORGE SK. PAVLOU, Athens, Greece; S.A.E.; A.R.S.; President's List (I Term).

BILLY J. PEEL, Fort Wayne, Indiana; S.A.E.; Mechanical Club; Honor Roll (One Term).

EDWARD J. PELIC, Brooklyn, New York; Newman Club, Vice-President; Iota Tau Kappa; President's List, Eight Terms; Varsity Club; Intramural Sports.

#### Third Row:

DALE R. PETERS, Delmont, South Dakota; President's List, Three Terms; Intramural Basketball. GUNNAR PULDAS, Baltimnre, Maryland; Mechanical Club, FINN RAAE, Bergen, Norway; Flying Club.

EARL R. RICKARD, Aliquippa, Pennsylvania; Honor Roll, Five Terms.

#### Fourth Row:

DONALD M. RILEY, Franklin, Indiana; S.A.E., President & Vice-President; Mechanical Club; Bowling Club.
MAHLON R. ROUCH, Fort Wayne, Indiana; Alpha Gamma Upsilon; Bowling Club; Intramural Sports.
HOWARD C. SAALFRANK, Fort Wayne, Indiana; "Technician" Staff, Writer; President's List, One Term.
CARLOS A. SANDOVAL, Caracas, Venezuela; Phi Iota Alpha, Pres. & Treas.; WGL Broadcast Program (2 years); Intramural Sports.

#### DEGRE E DATES



TOMIO SATO, Maui, Hawaii; Hawaiian Club, Treasurer; Bowling Club; President's List, One Term.

JOHN SCHLEMMER, Monroeville, Indiana.

GURBAKHSH SINGH THIND, Parjab, India; Mechanical Club; S.A.E.; India Association, President; President's List, One Term. RALPH H. SISCO, Newport, Vermont; "Technician" Staff.

#### Second Row:

GERALD A. STEHNO, Atwood, Kansas; Newman Club, Secretary, House Manager; S.A.E.; Male Chorus; Caswell Engineering Drawing Award; President's List, Five Terms.

DONALD A. SWEATLAND, Fort Wayne, Indiana; Intramural Sports. FRANK SZINGER, Ontario, Canada; Newman Club; Fencing Club; Honor Roll (I Term); President's List, Five Terms.

STANLEY J. TRIZINSKY JR., Ossining, New York; Male Chorus; Sigma Phi Delta; Intramural Sports; Honor Roll, One Term.

#### Third Row:

RALPH M. WHITE, Clarksburg, West Virginia; S.A.E.; Kappa Sigma Phi; lota Tau Kappa, Secretary & Treasurer; President's List, Seven Terms; Honor Roll.

ROBERT GERALD WILLIAMS, Murphysboro, Illinois; Kappa Sigma Phi; S.A.E.

WILLIAM L. WILSON, Frostburg, Maryland; Kappa Sigma Phi, Secretary; Bowling Club; Rifle Club; Varsity Club; S.A.E.; Student Council, President, Vice-President, Treasurer; Intramural Sports; President's List, One Term.

JACK M. ZARTMAN, Rochester, Indiana; lota Tau Kappa; Honor Roll (3 Terms); President's List, Five Terms.

#### NOT PICTURED

JACK E. BALKO, Memphis, Tennessee; Student Council; Student Advisory Board; "Technician" Staff, Editor in Chief; KEKIONGAN Staff; Male Chorus; Cheer Leader; President's List, Two Terms.

JAMES P. CAVANAUGH, Rosemont, Pennsylvania; Sigma Phi Delta, President, Chaplain, Pledgemaster, Eastern Province Convention Secretary; Student Advisory Committee, Chairman; Student Council; "Technician" Staff, Editor-in-Chief; Sophomore Class President; President's List.

VIRGILIO CENTENO, Honduras, C.A.; Phi Iota Alpha.

ARNOLD I. COWAN, East Barnet, Vermont; Mechanical Club; S.A.E. JAMES T. DOYLE, Astoria, New York; Alpha Gamma Upsilon; Soph. Class Sec.

ELDON L. HANSEN, Topeka, Kansas; Mechanical Club; President's List (3 Terms).

THOMAS H. MILTON, Black Mountain, N. Dakota.

EDWARD C. PECK, JR., Buffalo, New York; S.A.E.

LUIS PINTO-BUITRAGO, Bogota, Colombia, S. America.

BADRINATH C. RATHI, Nagour, India; Mechanical Club; Student Instructor (Asst. Ae E IBO, ME 120, AM 41) (Three Terms).

MANUEL DE LA TORRIENTE, Habana, Cuba.

LOREN E. WOODWORTH, Hammond, Indiana.

CARL E. BASHAM Instructor of Law and Economics ROBERT L. KAAG Lecturer of Law









DR. RALPH W. YOUNG Head, Physics Department

If, as has been said, "this is the atomic age." then this is the age of physics. Nuclear weapons and machines are products of the physics laboratory. Each new day finds the physicists of our nation ever widening horizons of man's knowledge. Therefore, Indiana Technical College meets the need for training in physics by offering basic and advanced courses designed to prepare a student either for direct participation in industry, or for a scientific career of the more traditional type.

### PHYSICS DEPARTMENT





DR. RENDER TUAN



MEREDITH KELLOGG



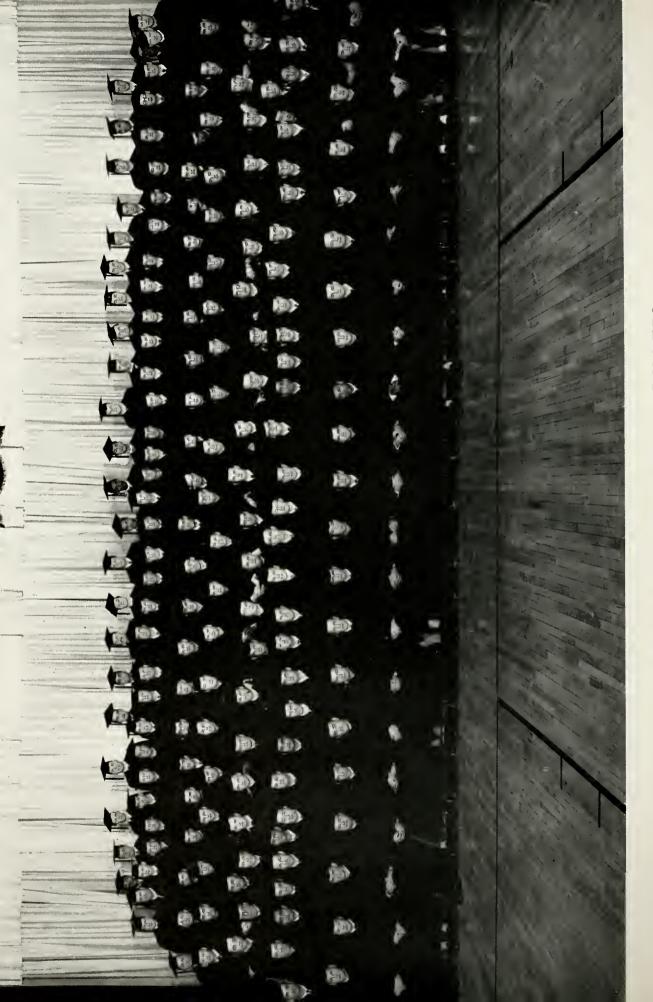
RALPH W. BRACHT

# GRADUATION CEREMONIES

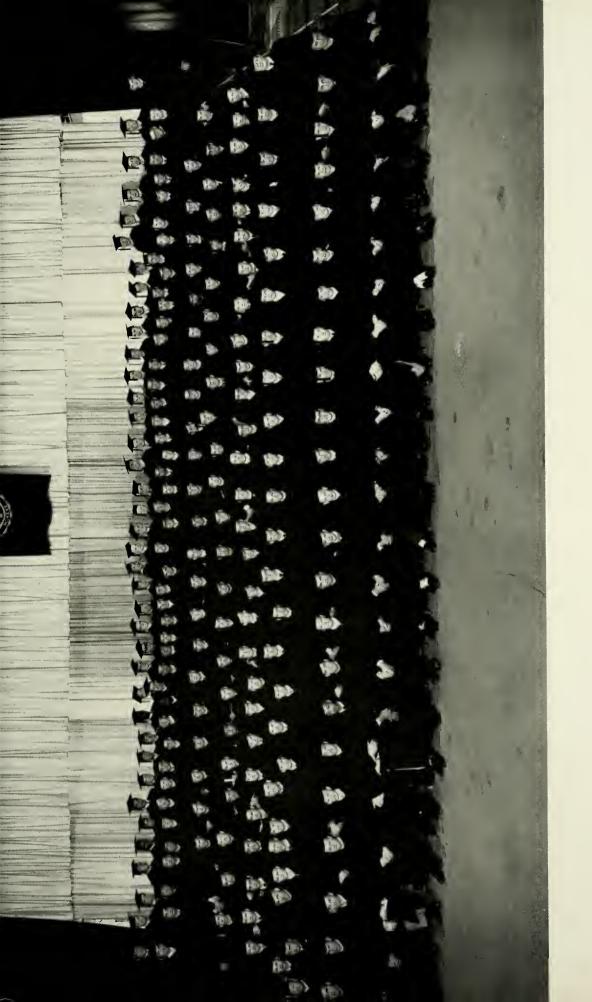
The Procession starts.







FALL AND WINTER GRADUATES



SPRING AND SUMMER GRADUATES



## PRESIDENT KEENE PRESENTS THE DEGREES





PORTIONS OF THE CAMPUS





Indiana Tech Industrial Relations department held Management Conference on June 12, 1958.

### INDUSTRIAL RELATIONS

Through the University of Chicago, The Indiana Technical College Industrial Relations Center can now supply men in industry with the Halstead Battery of Neuropsychological Tests.



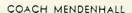
sports



Front row, left to right: Boyd Byerly, Jon Straup, Kent Johns, Don Roberson, Roger Whittig, Larry Mock, Back row: Coach Murray Mendenhall, Jr., Robert Little, Keith Huber, Wayne Coffer, Rudy Stegle mann, Jerry Hipsher, Dale Graft, Mgr. Tom Scalzo.

## INTERCOLLEGIATE BASKETBALL

THE COACH SPEAKS: This year again, Tech had a fine basketball season. We had a 14-9 season which included victories over some very good teams. We were able to win two victories each over Tri State and Concordia our traditional rivals. The boys were in there at all times giving it all they had. They did a fine job throughout the year.







FREE THROW TROPHY. This trophy was first presented at the conclusion of the 1957-58 campaign and was presented to Kent Johns who had a free throw accuracy of .825 per cent. It is a known fact among basketball circles that free throws are often the deciding factor as to the outcome of the game. Nice going. Kent.

BULGING BOILER. This trophy is a symbol of basketball rivalry between Tri-State College at Angola, Ind. and Tech's Warriors. It was presented by Dr. Planck in 1949. Tech held it for two years but lost it for four straight years. The Orange and Black brought it home during the 1954-55 season and it has been here ever since. May Tech's future teams have as much ability to hold possession of this fine trophy.

CARMI AWARD. This is another trophy that was first awarded after the last seasons play. It is bestowed upon the most outstanding player(s) on the basis of the following qualifications: leadership, scholarship, sportsmanship, value to the team, attitude and competitiveness. At the end of the season, it was thought that two players were worthy of this award and so it was presented to both, Dale Graft and Boyd Byerly.



DALE GRAFT



JERRY HIPSHER



RUDY STEGELMAN

DALE GRAFT—Senior—played guard and usually drew our toughest defensive assignment; a fine leader and Co-Winner of the Carmi Award.

JERRY HIPSHER—a good jump shooter and rebounder.

## TECH'S STARTING FIVE

RUDY STEGELMAN—second year as our center and is a fine rebounder and defensive man; should be even tougher next year.

KENT JOHNS—small but fast—scrapes all the time was winner of the Free-Throw Award with a record percentage of .825.

BOYD BYERLY—played his last year for Tech; a fine leader, our leading scorer and Co-Winner of the Carmi Award.

KENT JOHNS



BOYD BYERLY





Opening tip-off

WAYNE COFFER—Our reserve center—a graduating senior—his best "pinch hit" performance was scoring 10 points to help us beat Lawrence Tech. up there.

KEITH HUBER—Forward—Ist year—gave starters stout help in rebounding and scoring—should be tougher with I yr. of experience.

ROGER WHITTIG—Guard—did a fine job in relief roll—both at forward and guard.

JON STROUP—Guard—1st year—improved greatly during the year—will be tougher with 1 yr. of experience.

DON ROBESON—Guard—1st year—a good driver and hustler.

BOB LITTLE—Forward—1st year—a fine one hand shot and good rebounder.

LARRY MOCK—Forward—2nd year—good jump shooter—gave starters good relief.

#### SEASON'S RECORD

Nov.	. 19	 .ITC	 	100	; Giffin
Nov.	23	 .ITC	 	8	p: Detroit Tech53H
Nov.	25	 .ITC	 	79	; Huntington 67., T
Dec.	7	 .ITC	 	84	: Bliss98 T
Dec.	10	 . ITC	 	70	Concordia72H
Dec.	13	 .ITC.	 	9	: Marian
					Anderson86H
					; Vincennes83., T
					Oakland City82. T
					: Tri-State
Jan.	11	 . ITC	 	74	Hanover
Jan.	14	 .ITC	 	8	: Huntington76H
Jan.	17	 . ITC	 	7	': Vincennes53H
Jan.	21	 ITC.	 	7	: Manchester68H
Jan.	24	 . ITC	 	6	; Detroit Tech70 T
Jan.	25	 ITC	 	7	Lawrence Tech50 T
Jan.	30	 . ITC	 	73	; Anderson95 T
Feb.	- 1	 . ITC	 	80	); Bliss74H
Feb.	4	 .ITC	 	68	; Oakland City71H
Feb.	8	 ITC.	 	67	; Tri-State45H
Feb.	11	 ITC.	 	8	; Indiana Central84H
Feb.	15	 ITC.	 	80	; Concordia53 T
Feb.	22	 ITC.	 	112	Lawrence Tech82H

Won, 14; Lost, 9; Per Cent 0.643



Hipsher going for the ball

#### It's mine!!!



Oh, no-o-o-o!!!!





Graft driving under

#### BASKETBALL SCOREBOARD

Individual record for Indiana Technical College 8asketball
Team for the season of 1957-1958

	Sames	FC 4	FC \ 4	DOT	- <b>-</b> 4	<b>5T</b> \ 4	DOT	<b>T</b> D	43/5
NAMES I	layed	FGA	FGM	PC1.	FIA	FIM	PCI.	11	AVE.
Graft	. , 23	214	82	.384	67	39	.583	203	8.84
Byerly	21	351	130	.371	78	50	.643	310	14.7
Johns	23	237	801	.456	74	61	.825	277	11.8
Stroup	22	79	30	.380	36	21	.585	81	3.68
Huber	23	122	63	.515	35	16	.457	144	6.26
Stegelman	n 23	228	103	.452	155	101	.650	311	13.5
Coffer	21	48	20	.417	25	9	.360	49	2.33
Robeson	20	115	34	.296	43	32	.745	102	5.10
Mack	15	44	16	.364	17	11	.650	41	2.73
Whittig .	23	68	27	.398	36	22	.610	76	3.31
Hipsher .	23	201	83	.410	59	42	.714	207	9.00
Little	17	32	11	.344	10	8	.800	36	2.12

Johns driving down the court



With a fine aggregation of seasoned veterans and aggressive newcomers, the 1957-1958 basketball team coached by Murray Mendenhall Jr., started with a bang. The Warriors won their first three games by impressive margins. Bliss was the first team to hand Tech a defeat but the Warriors avenged this later in the season.

During the season, two teams — Anderson and Oakland City — won both ends of the home-and-home encounters. Tech faired even better by taking both games from Concordia, Tri-State, Huntington and Lawrence Tech. The Warriors maintained possession of the "Bulging Boiler" by virtue of the victories over Tri-State. The team split with Detroit



Rudy, taking a hookshot

Tech, Bliss and Vincennes, each winning one of the games. In the various single game encounters, Tech won three out of five.

It was a very successful year for the Orange and Black. One of the highlights of the season was when Tech scored their highest total number of points for a single game. This was against Lawrence Tech in the last game of the season at the home court. Final score was 112-82. Previous high was 111 points against Bliss in 1955.

Only six games were really close, scorewise, and were decided with only a difference of four points or less.

Congratulations are in order to this fine team which represented ITC with not only some good basketball playing but fine team spirit and sportsmanship.



Front row, left to right: Charles Scherban, Darwin King, Jon Clark, Harry Okeson, Bob Wentz, Dan Craig and William Carroll. Back row: Coach Mendenhall, Larry Beerman, Roger Whittig. Sam Walker, Larry LaCotti, Harold Griswold, Jon Straup and Joe Moore. Absent when picture was taken:

Ray Rowles, Nelson Wenrick and Al Maycock.

# 1958 BASEBALL TEAM

## SCHEDULE AND FINAL RESULT

	-	~ 1	_				
Manchester	3	Tech	2	Anderson	5	Tech	4
Manchester	12	Tech	5	Anderson	6	Tech	J
Marian	7	Tech	9	Manchester	5	Tech	8
Tri-State	5	Tech	3	Manchester	7	Tech	9
Tri-State	6	Tech	2	Concordia	8	Tech	7
Goshen	10	Tech	13	Concordia	7	Tech	01
Concordia	6	Tech	3	Tri-State	6	Tech	8
Huntington	2	Tech	7	Huntington	1	Tech	6
"Huntington	7	Tech	- !	Huntington	19	Tech	10

Won 8; Lost 10

Rowles clouts low pitch for a hit



This year Tech was able to complete the largest baseball schedule in the history of the school. The dry weather this spring enabled the Warriors to play all 18 of their scheduled games of which they won 8 and lost 10. As over half of the team was composed of "rookies", Coach Mendenhall is looking forward to the future.

In the hitting department, centerfielder, Bob Wentz, finished the season batting an impressive .402 average with pitcher-outfielder, Ray Rowles, following very close behind with a .396 average. Rowles was, also, the leading pitcher of the team with a 5-2 record.

Only two players were lost due to graduation and they are Roger Whittig and Larry LaCotti.

## 1958 BASEBALL RECORDS

Name	AB	H	2B	3 <b>B</b>	HR	R	RBI	Av.	rrors
Wentz	67	27	5	0	0	17	14	.402	3
Okeson	64	19	3	3	0	14	6	.297	5
Rowles	54	21	3	- 1	2	10	13	.396	7
Whittig	52	16	0	0	1	13	-11	.307	8
King	59	17	0	0	0	5	9	.289	4
LaCotti	58	14	2	1	-1	13	-11	.242	19
Beerman	45	13	0	- 1	0	7	12	.290	5
Carroll	35	- 11	1	-1	0	10	9	.315	1
Maycock	30	8	2	0	0	5	4	.266	6
Wenrich	30	7	- 1	0	0	9	3	.232	4
Clark	8	0	0	0	0	0	- 1	.000	2
Stroup	0	0	0	0	0	0	0	.000	0
Griswold	6	2	0	- 1	0	2	3	.333	0
Walker	3	- 1	0	0	0	0	2	.333	1
Scherban	- 1	0	0	0	0	0	0	.000	0
Moore	6	2	- 1	- 1	0	- 1	0	.333	2
Craig	19	3	0	- 1	0	2	4	.158	-1
-				_	_		—		—
TOTALS	537	161	18	10	4	108	102	.300	68

Completed double play against Tech by Concordia, Runner has yet to reach 1st base.







Upper Picture: Tech up to bat.
Lower picture: Tech pitcher records strikeout, Wenrick catching.

## PITCHERS RECORDS

Name	G	ΙP	НО	ВВ	SO	Runs	W	L	Pct.
Rowles	8	521/3	51	28	39	28	5	2	.714
Griswold	6	$15\frac{1}{3}$	19	13	16	19	2	2	.500
Whittig	4	17	21	19	15	24	1	2	.333
Walker	3	81/3	13	8	4	9	0	0	.000
Stroup	2	52/3	4	9	6	9	0	1	.000
Scherban	1	$2\frac{2}{3}$	4	- 1		5	0	1	.000
Moore	6	132/3	8	9	7	П	0	1	.000
Wenrich	4	9	7	$\Box$	4	-11	0	-	.000
Wentz	2	31/3	4	4	- 1	5	0	0	.000



Front row, left to right: Thomas Motley, John Ster, Francis Lavoie, Charles Carr, Kenton Quint, Frank Szinger, Rudolf Hellmold, John Laslo. Back row, left to right: Coach Henry Wahl, Wahling Ng, Allan Yee, James Zofchak, William Mon, Jim Liao, Stephen Wong, Kaitun Chin, Wing Eng, Dennis Aglar, Louis Gerics, Robert Miller, John Monteith, Richard Ditsworth.

# FENCING

Tech Fencing Club at practice under the supervision of Coach Wahl.



For many years Fencing was an old world accomplishment. Now, however, it is different. America with its established reputation of leadership has added fencing to its long list of sports and has developed many fencers who are equals to their European rivals.

Fencing is a game of willpower and spirit; it is a creative game and is an excellent school of individual combat. It demands the highest association of mind and muscles. It develops strength, resistance,

EPPEE TEAM—Bob Szerejko, Capt. Larry Shrout, Jowad Adham, and Bob Gorstein.





L. Shrout launches an attack against an opponent from Detroit Univ.

quickness and coolness of mind. In fencing there are periods where two opponents are in contact through the medium of two thin shafts of steel; these are like an antenna down whose length, messages of strength, weakness, anticipation, nerves, tension, plan, and counter-plan are broadcast. The element of surprise is vital and a crafty fighter will spend minutes building up premises of false security in his opponent's mind.

To begin with a few definitions, there are three standard international weapons available — the foil, the Epée, and the sabre. There are different in size, shape and weight and each has its own set of rules. In a fencing tournament the team has to compete in all three weapons. For many years fencing has been taught at the Indiana Technical College and many fine fencing teams have gone out to compete with leading universities such as Chicago University, Notre Dame, Detroit, Iowa State University, Indiana University, etc.

Ed. Note: This copy was submitted by Henry E. Wahl, an active member of the Coach's Association of America and fencing instructor at Indiana Tech.

SABRE TEAM—Left to Right: Frank Szinger, Capt. Kenton Quint, Rudolf Hellmold, and John Laslo (Inset—Pete Schmitz)





Upper picture—FOIL TEAM—Left to Right: Charles Carr, Francis Lavoie, John Ster, and Thomas Motley. Lower picture—An attack by a Detroit Univ. fencer, thwarted by Tech.

## SEASON'S RECORD

		0	10011	- INCOONS	
Indiana	Tech		15	Indiana University	. 12
11	11		21	Culver	. 6
4.1	- 11		6	Detroit University	. 21
11	- 11		5	Notre Dame	. 22
14	11		10	Case Tech	. 17

Touche!!





Left to right: Ken Stutzman, Ron Black, Harold Laurilla, Holt Toni, Ron Williams, Dean Heaton, Connie Brault, and Coach Ben Dow.

# GOLF

Coach Dow displays putting form.



Laurilla sinks putt.





Stutzman putts, and pars the hole.

On the 1958 Golf Team, two returning lettermen from last year's squad, Ken Stutzman and Ronald Williams, provided the nucleus for this year's fine team. Newcomers, Dean Heaton, Holt Toni, and Harold Laurilla, a fine group of golfers, provided Tech with one of its most balanced teams in years.

A record of three wins, two losses, and one tie was most impressive in view of the difficult competition that the Tech squad faced.



While other members of the team watch, Williams sinks a

## SEASON'S RECORD

Indiana	Tech		71/2	Concordia			71/2
11	11		10	Taylor			0
11	11		101/2	Concordia			41/2
11	11)		6	Tri-State			9
11	1.1		131/2	Taylor			11/2
11	11		7	Tri-State			8
		W	'on 3: L	ost 2: Tie 1			

An all-important practice session.





Kneeling: Dale Taylor, Rollie Pipes and John Wagner, Standing: Aaron Cohen, Robert Bucher, Jimmy Liao, and Dean Robinson, coach.

## TENNIS

In the Spring of 1958 the Tech tennis team won six and lost two matches, which represents the best record that any tennis team at Tech has compiled. High points of the year were a victory over the Manchester College tennis team, which marked the first time in history that our team has been able to defeat Manchester, and a victory over a strong Goshen team.

While the best individual record was compiled by Bob Bucher (7 and 1), outstanding performances

were contributed by Captain Dale Taylor (5 and 3), who played No. I, and the other members of the first five.

### TEAM RECORD

School	Piace	ITC	OPP.
Defiance		6	1
Defiance		5	0
Goshen		5	2
Goshen		2	5
Tri-State		4	3
Tri-State	There	6	0
Hanover .	There	2	5
Mancheste	er	5	2
	Won 6. Lost 2. Pct 750		

#### INDIVIDUAL RECORDS

									-,,	100/12		100					
No.	Name								Ma	tches	Pct.	S	ets	Pct.	Gan	nes	Pct.
								١	N	L		W	L		W	L	
1	Taylor							. 5	5	3	.633	11	8	.578	105	99	.514
2	Cohen							. 6	)	2	.750	12	6	.667	93	67	.581
3	Bucher							. 7	7	1	.875	15	5	.750	104	74	.584
4	Pipes .				 			. 6	5	2	.750	14	5	.736	102	64	.614
5	Wagner							. 4	4	3	.571	10	8	.555	88	89	.497
6	Liao .									1	.000	0	2	.000	6	12	.333

								DO	JBLES	RECORD	S					
								Mat	ches	Pct.	S	ets	Pct.	Gar	nes	Pct.
No.	Names							W	L		W	L		W	L	
Ι.	Taylor-Bucher							4	2	.667	9	6	.600	71	61	.547
1.	Taylor-Cohen				 			1	0	1.000	2		.667	14	1.1	.560
2.	Cohen-Pipes				 			2	2	.500	5	4	.556	46	38	.547
2.	Bucher-Pipes							0	ī	.000	Ī	2	.333	9	17	.346
2.	Cohen-Wagne	r.						0	i	.000	0	2	.000	7	12	.368
3.	Wagner-Lian							Ō	0	000	0	0	000	,	2	EOO

## GRAND TOTALS—INDIVIDUALS AND DOUBLES

Matche	s	Pct.	Set	·s	Pct.	Gam	nes	Pct.
W	L		W	L		W	L	
35	18	.660	79	49	.617	648	544	.543



Front row, left to right: Thurman Shelton, Kent Johns, Bob Neargardner, James Murdock, Don Henderson, Don Parkes, Arnold Elgort, Back row: Coach Mendenhall, Ron Hicks, Kenton Quint, Keith Huber, Rudy Stegelmann, Ivars Yeldre, Ray Yehling, Ed Sweet.

Though Indiana Tech's Track Team did not fair too well, win-wise, the losses incurred were not due to lack of team spirit but rather due to lack of team strength. In many of the individual events during the season's track activities, Tech had only one entry. Had they had more entrants per individual event, the season's record would surely have been better.

Tech's Track Team did have, within its ranks, some excellent competitors. Ivars Veldre was undefeated in the shotput, discus throw, and javelin throw in the four meets. Kent Johns won the mile run three times, the two-mile, twice, and placed in the other meets. Smith won the broad jump three times and placed in the other meet. Rudy Stegelmann placed in the high jump in every meet and Shelton usually placed in the 100 and 200 yard dashes.

Some of the members of the team entered into competition at the Little State Track meet at De-Pauw University at Greencastle, Indiana. Every college in Indiana is eligible to enter this meet except the Big Three — I.U., N.D., and Purdue. Thirteen colleges participated. Veldre placed third in the

## TRACK

shotput and fifth in the javelin throw. Smith and Johns both placed sixth in the broad jump and mile run, respectively.

Though there was a fairly good turn out for track for the first year at Tech, Coach Mendenhall hopes to see many more come out the next year.

## RESULTS OF THE MEETS

1.	Albion									93
	Manche	st	er							43
	Tech									25
2.	Taylor									721/2
	Tech									491/2
	Earlam									
3.	Anderso	n								69
	Tech									39
4.	Bluffton	, (	Э.							75
	Tech									



Front row, left to right: Charles Carr, Al Maycock, Don Henderson, Bill Carroll, Bob Wentz, Harry Okeson, Harold Griswold, Ray Rowles, Back row: Murray Mendenhall, Bill Smith, Keith Huber, Wayne Coffer, Rudy Stegelmann, Roger Whittig, Ray Yehling, Kent Johns.

# VARSITY CLUB

Guidish,  $\Sigma\Phi\Delta$ , fires one past Munson,  $A\Gamma\Upsilon$ .



Gould, APT, scoops up pitch missed by Good of  $\Sigma\Phi\Delta$ .





MECH, CLUB—Front row, left to right: Richard Kohl, James Buglass, John Brendell, Richard McKenna, Back row: Fred Brendell, David McCarty, Arnold Gahlinger, Dale Peters,



SIGMA PHI DELTA—Front row, left to right: Tom Scalzo, Jack Guidish, Tom Goebel, Middle row: Cal Collier, Mike Katovich, Bob Yoesting, Richard Schomer. Back row: Paul Latsey.



ALPHA GAMMA UPSILON—Front row, left to right: Don Cassidy, Clarence Beach, Ron Gould, Ken Hoggard. Back row: Jerry Mc-Donald, Tom Zruno, Joe D'Ambrosio, Mahlon Rouch, Gil Gerard.

# INTRA-MURAL BASKETBALL

The win by the Mechanical Club over the Sigma Phi Delta team climaxed the Intramural Basketball season and resulted in the Mechanicals being the undisputed "Champs" of the season's play. The final score was 33-26.

The victors had to play off a tie situation in the Western League with the Civils before advancing to the championship tilt against Sigma Phi Delta who were the Eastern Leagues champs.

Sixteen teams participated with each league comprised of eight teams. Much enthusiasm, team play, and good sportsmanship were demonstrated throughout the entire season. This would seem to indicate that next year should be even a better one. An interesting sidelight is that for some of those who participated in the games, it was their first encounter with this sport.

SIHLER HALL—Left to Right: Bob Wageman, Ray Yehling, Terry Parrish, Toivo Maiste, Larry Reanas.

HAWAIIAN CLUB—Front row, left to right: David Segawa, Hideo Toyama, Wilfred Honda, James Takeuchi. Back row: Sam Zaan, Gordon Hashimota, Frank Yamada, Larry Watanabe, Dick Agawa, Harry Honda.







NEWMAN CLUB—Front row, left to right: Jim McCleneghen, John Wagner, Sam Walker, Back row: Don Skiba, John Toy, Leo Thieman, John Patrick, Ed Pelic, Bob Hayes was absent when picture was taken.



CIVILS—Left to Right: Leon Beatty, Luis Masforrol, Bill Austin, Herb Underwood, Ken Longwell.

## FINAL STANDINGS

## **EASTERN** Sina Hall . . . . . . . . . . . Alpha Gamma Upsilon . . . . . . . . . . . . . . . 4 3 WESTERN L Mechanicals . . . . . . . . . . . . . . . . . . 8 2 Kappa Sigma Kappa . . . . . . . . . . . . . . . . 5

KAPPA SIGMA PHI—Kneeling, left to right: Don King and Tom Bradford. Seated: Gene Neff, Ray Rowles, Hal Griswold, Larry Shrout.



CRULL HALL—Front row, left to right: G. Mars, H. Jording, H. Keller. Back row: G. Hall, R. Torres, C. Posey, J. Clark, B. Vannosler

INDEPENDENTS-Kneeling, left to right: Russell Poor and Richard Barney. Seated: Dave Davis, Walter Jordon, Don Parker, Hank Caso.







BETA SIGMA TAU—Front row, left to right: Tom Rayn, Howie Lehr. Back row: Dick Anderson, Frank Pepe, Don Ketchum, Bob Eberly.



CHEMICALS—Front row, left to right: Jose Ruiz, Gus Arnesen, Bill Jennings, Back row: Bob Fairchild, Pete Vine, Jim Cradler, Jerry Olivo.

The Intra-mural Activities at Tech bring into active competition many students. Much effort and work in organizing these activities is required if they are to succeed. Much credit is to be given to Mr. Mendenhall, coach at Tech, for his very important roll in seeing that this is accomplished. Also, those leaders, captains, etc., of each team and the team,

# VOLLEYBALL

itself, along with the referees and umpires deserve much credit for making this year's intra-mural events a success from the very beginning.

## **VOLLEYBALL RESULTS**

East		West		South	
W	L	W	L	W	/ L
Sihler Hall 5	0	Ukrainian 5	0	Chemicals 4	0
$K\Sigma K$ 4	- 1	Arab 4	- 1	Civils 3	- 1
AI'Y 3	2	Hawaiian 3	2	Mechanicals 2	2
$\Sigma \Phi_{\perp} 1$ 3	2	Martha Hall 2	3	I. A. S	3
$K\Sigma\Phi$ 3	2	Crull Hall I	4	Newman Club 0	4
$B \Sigma T$ 0	5	Sina Hall . 0	5		

(Double elimination playoff won by the Ukrainians. Sihler and the Chems finished second and third, respectively.)

AERO CLUB—Front row, left to right: Ray Hoffman, Aaron Cohen, Jim Marx, Duane Hoffman. Back row: Bob Sasko, Jerry Hoopingarner, Jim Madison, Jim Murdock. SINA HALL-Front row, left to right: Karl Karinch, Don German, Jim Baxwell, Bob Davs. Back row: Ron Synder, Dick Kierzek, Bob Kierzek.





## FINAL INTRA-MURAL STATISTICS

	Tennis Singles	Tennis Doubles	Touch Football	Table Tennis Singles	Table Tennis Doubles	Swimming Meet	Basketball	Volleyball	Golf	Horseshoe Singles	Horseshoe Doubles	Softball	Total Points	Standings
$A\Gamma Y$			47	14	14	20	38	41	18	16	11	43	262	4
AOT										14	10	37	61	18
Arabs				15	12			43					70	15
$B\Sigma T$			37	12	10		36	30	11				136	11
Chemicals			33	12	12		30	45				37	169	8
Civils	16	14	39	12	- 11	22	43	43	22	12	10	41	285	3
Crull		8	43	П	10	20	39	32					163	9
Electrical				10	10								20	21
Electronics									13			34	47	19
Hawaiians	13	16	41	14	16	24	35	41	20	15	16	45	296	- 1
IAS							38	39	10				87	14
Independents				11	12		36		13	15		47	134	12
$K\Sigma K$				12	11		41	2					66	17
$K\Sigma\Phi$			45	10	10	21	35	41		10			172	6
Martha		13					20	34					67	16
Mech	8		30		1		47	41	12	12	11	39	201	5
Newman			30	11	11	26	42					41	161	10
$\Sigma \Phi A$	13	12	43	11	14	23	45	41	16	14	18	43	293	2
Sihler			36	16	14	25	35	46					172	6
Sina	14	12	33	11	01		42						122	13
Ukrainian								47					47	19

Two top pitching competitors during the softball season were Ken Hoggard,  $\Lambda\Gamma\Upsilon$  and Jack Guidish,  $\Sigma\Phi\Delta$ .







Front row, left to right: Sam Giavara, Chuck Barnum, Ron Gould, John Young, Bob Bassett, Bob Rife, Harold Fanning, Second row: Ken Detro, Laurie Slater, Bob Marshall, Bob Swindell, Andre Bouchardon, Don Tancredi, Dick Bender, Jerry Okamura, Tom Hamada, Kenji Nakahara, Ernest Busboso, Don Oishi, Third row: York Fischer, Bob Spencer, Bill Coyle, Gerry Stankiewicz, Stan Puskarz, Glenn Ludwig, Bill Galbraith, Lee Reid, Jim Bunting, Jack Guidish, Gordon Hashimoto, Ron Hughes, Fourth row: Harold Griswold, Ron Wardle, Bob Wentz, Don King, Gary Nelson, Jack Galletly, Joe Caffiers, Sam Chung, Fifth row: Jerry McDonad, Joe Sekel, Howard Macklin, Ed Schaag, Paul Miner.

# INTRA-MURAL BOWLING

The Indiana Technical College Bowling League had another highly successful season. This year the league was expanded to 18 teams since there were many more enthusiasts wishing to bowl. Success was evident in that not one forfeit was registered during the entire season. This is a first for the ITC Bowling League.

The season was divided into two sections. The league was divided into halves. The Electronics were the first half season winners winning over the Hawaiians. The Faculty team were second half season winners. They defeated the Chemicals. In the roll-off between the Electronics and the Faculty, the Electronics came out on top by a narrow margin.

Approximately 140 bowlers were active at one time or another during the past season of bowling.

A Head-Pin tournament climaxed the actual bowling season with Ted Alt of the Electrical Club winning the event with a score of 308. Total possible score is 360.

"CHAMPS"—Electronics, left to right: John Young, Bob Bassett, Bob Rife, Harold Fanning, and Harold Worley.





## TOP-TEN BOWLING

(36 games or more)

TOP: Dick Bender posing with the Past President's Trophy which was presented to him for his outstanding sportsmanship and mental attitude during the past bowling season. Dick bowled with the I.A.S.

RIGHT: Jerry Okumura of the Hawaiians with his most impressive display of trophies which he won during the past season. The trophies were awarded as follows (L. to R.): highest average, most total pins, first half runners-up, most strikes, second high game, and most spares.





# BOWLING

League Champions Electronics
Runners-Up Faculty
Division Runners-Up Hawaiians and Chemicals
Total Pins Bowled by League 691,808
League Average per Individual



Ted Alt of the Electrical Club: Head-Pin Tournament winner.

Left, RUNNERS-UP: Faculty (left to right): Bob Marshall, Bob Swindell, Don Tancredi, Howard Macklin, Inset: Ralph Bracht.

## TEAM RECORDS

First Division	Games	s Tot. Pins	Avg.	Won	Lost	High 3 l	High I
Hawaii							
Electricals							
Beta Sigma Tau							
Mechanicals		41,168					
Kappa Sig Kapp	a 54	37,514	694	28	26	2405	861
Sihler Hall	54	37,989	703	27	27	2389	890
Spares	54	37,384	692	25	29	2295	852
Chemicals	54	35,499	657	24	30	2303	788
Aeronauticals	54	37,487	694	23	31	2272	848

## SECOND DIVISION

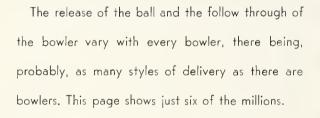
Electronics54	40,413	748	321/2	211/2	2480	893
Faculty54					2362	858
S. A. É 54	40,626	752	30	24	2574	893
Alp Gam Up 54	39,905	738	29	25	2411	900
Civils 54				25	2402	844
Kap Sig Phi .54				291/2	2318	841
Sig Phi Delta 54	38,743	717	22	32	2296	849
Newman Club 54	36,254	67 I	18	36	2189	793
Crull Hall54	34,511	639	171/2	361/2	2092	763



TROPHY WINNERS: Front row, left to right: Kenji Nakahara, Jim Bunting, Dick Bender, Bob Swindell, and Don Tancredi. Back row: Ernest Buboso, Ed Schaag, Tom Hamada, Lee Reid, Bob Marshall, Howard Macklin, and Laurie Slater.



Young, Electronics.



Trizinski, Sigma Phi Delta.





Olivo, Chemicals.

Gould, Alpha Gamma Upsilon.



Guidish, Sigma Phi Delta.



clubs



First row, right to left: Murwan Gamyan, Aref Salem, Radwan Jaber, Secretary; A. R. Sukkariyyah, President: Wilson Jarjour, Nazih Jarjour, youngest member; Suhail Ma'mum, Vice-President and Treasurer; Abed S. Mawlawi, Second row: Jawdateid, Fawzi Sahauni, Gazidajani, Ibraham Beck, Adel Nabhan, Dr. Render Tuan, Faculty Advisor; Mustafa Imran, Abed K. Mawlawi, Antoine Nimeh, Edward Salem. Third row: Gassan Shuushani, Huhammed Haffar, Moses Kazanjian, Zohrab Tazian, Muhammed Karimeh, Shafih Hamzeh, Khairallah Muusa, Khozar Muunkara, John Nasr, Sabri Barghout.

# ARAB STUDENT CLUB

### **OFFICERS**

A. R. SUKKARIYYAH President
SUHAIL MA'MUN Vice-President and Treasurer
RADWAN JABER Secretary
USAMA MUKKADEM
GHASSAN SHUUSHANI Sports Directors
EDWARD SALEM Sports Directors

## The aims of the Club are:

a. The dissemination of true and adequate information about the Arab people, their history, culture, problems and aspirations.

- b. The extension of help and guidance to Arab Students at Indiana Technical College.
- c. The securing of scholarships for the benefit of Arab Students from various sources and raising a separate fund towards the achievement of this purpose.
- d. The promotion of a better understanding and stronger ties with the American people and various friendly organizations.

As a part of the social program sponsored by the club, lectures about the Arab World are given by the members. These lectures have been given at Fort Wayne, Decatur, North Manchester, Indiana; Bryan and Toledo, Ohio; and parts of lower Michigan.



McCormic Park during the Club's annual Spring Picnic. Guests, Mr. and Mrs. Emmel Rimmel and Carl Basham are shown.

Some of the members with Dr. Render Tuan, Faculty Advisor.



Strolling the campus with Dr. Tuan.





First row, left to right: Don Goon, Jum Chin, Wahling Ng, Lascelles Chen Young, Jimmy Liao. Second row: Sze Kwong Ng, Patrick M. Fong, William L. Mon, Dr. Render Tuan, Allen F. Lee, Jack Lum, Byng Han Woo, Kai Tun Chin, Third row: Sam Chung, Johnny Chow, Wayne Gan, Wing Yum Eng, Allen Poy Yee, George Williams, Stephen C. J. Yong, Frank Awong.



# CHINESE CLUB

## **OFFICERS**

DR. RENDER TUAN Faculty Advisor
DON GOON
JIMMY LIAO Vice-President
ALLAN POY YEE Secretary
WING YUM ENG
GEORGE WILLIAMS Publication Director
WAHLING NG Athletics Director

The Indiana Technical College Chinese Club was officially organized during the winter term of 1958.

The members of this club are of Chinese origin and are students of Indiana Technical College. The primary purpose of this organization is to develop the general culture and social relationship of its members.

## CHINESE CLUB AIMS

To organize and promote the friendship of the Chinese students in Indiana Technical College

To cultivate a better character and manner in its members.

To learn and retain a good hobby.

To study the oriental and western cultures.

To promote a high degree of moral standards.

To develop originality, initiative and leadership.

To instill in the members a worthy philosophy of life to guide them in later life.

To participate in intramural sports and achieve school honors.

To help other students to live a more satisfying and fruitful life as they integrate into college life.



Special Guest, Rev. Miss Ellen M. Studley from Midwest Chinese Student and Alumni Services gives an interesting talk about the Chinese students and alumni in the midwestern area.

Dinner is being served at Dr. Render Tuan's home.



Dr. Render Tuan gives conclusions while others listen attentively.



# ASSOCIATION OF CIVIL ENGINEERS



First Row, left to right (sitting): Glen Garrelts, Jaime Lerner, Roland Hulbert, Leon Sevilny, Winston Holding, Gayander Patel, Charles Jamison, and Moustafa Imram. Second row: Kenneth LaVan, Ronald Black, William Nobis, Carlos Gachhorna, Willard Stevenson (Club Moderator), Jerry Levitt, Robert Graham, China, R.S., James Neilson, and Tom Newton. Third row: Joseph Halterman, Fred Rosiek, Robert C. Ruhl (Dean), Albert Shapiro, Ken Laufer, William Austin, Olsen, Gene Neff, Bernard Whitcomb, and Gerald Price.

The Association of Civil Engineers of Indiana Technical College is an organization of the students enrolled in the civil engineering department and the departmental instructors.

The objects of the club are:

To help all students to become more quickly adjusted to life as a student here at Tech. To ready the student for some of the problems which he will face after graduation by inviting men from the different branches of the civil engineering field to our meetings as guest speakers; also showing movies pertaining to the civil field.

The club has one field trip each term, one midterm party, a senior banquet in honor of all the seniors of the club, and an award given to the outstanding graduating senior each term.







Prof. Robert C. Ruhl, Dean of Engineering and Chairman of the Civil Engineering Department, has been on leave for the summer quarter. Not least among his activities was a week of digging ditches in his back yard, in which he studied the more practical aspects of sewer design.



Field trip to Central Soya Company at Decatur, Indiana last July.



Watching a grain filled box car being unloaded on a huge automatic unloader.

Where'd it go?



Tough Team!



# AMERICAN CHEMICAL SOCIETY

The members, although small in number, have presented a Chemical Society which is commendable; they have by their interests and activities presented a good social program supplemented with technical seminars.

The purpose of a specific society, such as the American Chemical Society, is to advance the profession it represents; to better social relationships of persons in conjugate professions and to aid members in associating with one another, thereby learning how to deal with people and becoming potential leaders. It has been with these ideas that the society functioned during the term 1957-1958. Regular bi-weekly meetings were held throughout the year as were also the chemical seminars. The members, themselves, organized their functioning body and social committees. Elections were held for the various offices. Two field trips were sponsored: One to the Chicago Museum of Science and Industry and

the other, to Eli Lilli and Company which is in Indianapolis. These excursions were chosen so that students would have the opportunity of seeing the practical end of chemistry, and also to see how chemistry functioned as an industrial giant. A banquet was held during which a notable guest speaker, Dr. Micelli from the United States Rubber Company, talked about his particular field in chemistry—rubber and its present applications.

For the extremely socially minded, the society held a "smoker" at the beginning of each term. This function served as a "get acquainted" gesture to introduce the new members to the society. Both the new members and the old felt that this was an excellent way of meeting one another. The society hopes that the coming year will bring more members into its fold, and it looks to the future with a feeling of optimism: More members, more activities, and more accomplishments.





First row, left to right: D. J. Koestler, Student Advisor; Ray J. King, Faculty Advisor; Donald A. McClain, Richard T. Agawa, Sukhbir S. Virk; Donald Schaadt, Ralph Spayd, Secretary; James R. Bunting, Chairman; Charles A. Williams, Vice Chairman; Leonard Stenberg, LeRoy E. Smith; Anthony Ostroski, Stephen Trusik, Richard C. Hansen. Second row: Gilbert K. Buddenbaum, Ralph L. Mueller, Ranjit S. Grewal, Herbert K. Morgan, Lynne Stewart, Michael Johnson, Lonnie C. Meadows, Theodore Alt, Thurman H. Henderson, Thomas W. Gurr, Stephen R. Sedore, Robert G. Butcher, Charles Adams, Frank Futala, Walter Bacon, Robert H. Mack, Stephen Spishock, William Keating, Kenneth A. Zimmerman, Corres, Secretary; Harod Worley, Gerald Hawk, Johah Mann. Third row: Paul Milke, Dean Shaw, Robert Forgit, LeRoy Green, U. F. Masullo, J. E. Heiss, Anthony Stoll, David Laird, J. R. Taylor, E. L. Robinson, G. T. Reece, John P. Wilson, John Kowal, Louis J. Gerics, Joseph Caffiers, William Calhoun, Robert Clark.

# INDIANA TECH ELECTRICAL ASSOCIATION

Membership in the Electrical Association is open to any student enrolled in the electrical or electronic departments. The association promotes interest in electrical engineering by promoting new phases of engineering and by sponsoring talks and discussions by speakers from industry.

# AUDIO ENGINEERING SOCIETY

The student section of the Audio Engineering Society was organized in the Winter Term, 1955-1956, to provide a medium for Tech students interested in Audio Engineering, either as a career or as a hobby, to exchange ideas and to learn of new developments in the field.

Members of the Student Section hold the grade of Student Member in the Audio Engineering Society and, as such, receive full benefit of membership in that organization. Activities of the club include field trips to companies that are directly concerned in the development of audio products. A banquet is held annually as a social function of the club. At the present time a move is under way to obtain a room where equipment may be stored, where members may come to work on audio equipment, circuits, or converse with fellow members.

First row, left to right: Frank J. Affeldt, Garland F. Linde, Treasurer; Lyle Fajen, Chairman; W. W. Appel, Faculty Moderator; Charles Armbrust, Secretary; Joe Bova, Vice Chairman; Gene L. Faulkenberry, Second Row: Leon Recker, Tarum B. Shah, Warren B. Frank, John Walrath, Herbert K. Mertel, Gordon Honert, Richard Simonic, Lawrence J. Burch. Third row: Gerald J. Buchko, Robert Dale, Gordon Hart, LeRoy Green, Paul Blanchard, Jim Marello, Sylvester Chmura, Earl C. Kepner, Jr.





Thursday, June 12, 1958 at the Seminar held during Open House. Pictured in background at left is Mr. Sweet of the Audio Center—he donated the equipment. In foreground, center, facing the camera is the guest speaker Mr. B. J. White, development engineer of RCA Victor Record Division, Indianapolis. This seminar was sponsored by the Audio Engineering Society.

A group of students who visited the Heath Company, Benton Harbor, Michigan. The Heath Company is a manufacturer of electronic equipment kits. This field trip was conducted by the Audio Society on July 1, 1958.





First row, left to right: Ablert R. Martin, E. J., Hendrix, George H. Peterson, Charles Adams, Nick Eaker, Grant Paulson, Ray Hansen. Second row: Calvin Collier, Ross K, Smith, Thomas C, McCormick, Dale Taylor, Carl Nadeau, Paul M, Yourt, Donald E. Lawton, Donald L. Peters, Donald L. Timmerman, Harold Worley, Robert A. Williams, Carl E. Winsel. Third row: Anton H. Jessberger, John R. Torres, Glen L. Bansbach, Lenord A. Birkland, Larry M. Goodman, Harlow B. Olson, Edmund A. Waddell, Robert H. Mack, Robert E. Campbell, Walter G. Jordan.

# ELECTRONIC ENGINEERING SOCIETY

## **OFFICERS**

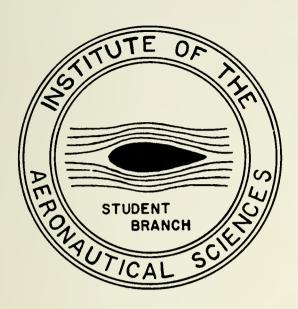
NICK EAKER
GEORGE PETERSON Vice-Chairman
WALTER JORDAN Secretary
JIM HENDRIX
CAL COLLIER Publicity Director
MR. ALBERT MARTIN Faculty Advisor

The Electronic Engineering Society is a departmental organization of the Electronic Engineering

Department at Indiana Technical College. Its aims
are to provide the electronic engineering students

with interesting meetings of an informal nature, an opportunity to hear qualified speakers of topics pertinent to the electronic engineering field, and to unite all electronic engineering students so that they may have a chance to get acquainted.

When inclement weather does not prevail, the organization supplements its normal activities with field trips to various plants and industries engaged in the design and production of electronic equipment. The field trips are not restricted to the local area; they include the entire tri-state area.





# INSTITUTE OF AERONAUTICAL SCIENCES

The I.A.S. is the representative society for engineers, designers, and technical specialists in all the sciences related to the design and development of aircraft. Its basic mission is to facilitate, by all

available means, the interchange of technical ideas among aeronautical engineers throughout the industry.





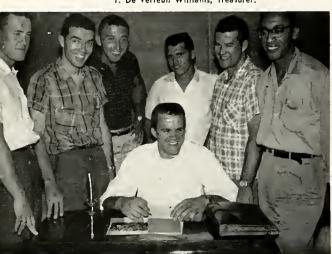
First row, left to right: A. Gibson, R. Nelson, T. Williams, I. Folks, F. Margosiak, D. Colburn, T. Eichorn, R. McGuire. Second row: R. Johnson, J. Wencil, J. Wilson, K. Covey, B. Dow, Faculty Moderator; G. Faulkenberry, R. Van Kley, J. Bouma, D. Walker. Third row: R. Harmer, L. Leonard, A. Zampieri, J. Conley, H. Auer, T. Kilmurry, E. Noriesa. Fourth row: L. Browning, C. Creel, H. Orth, R. Hutson, E. Cox, E. Boettcher, J. Sullivan, L. Critchfield, D. Harrington, D. Lockwood, J. Kalogeras.

## I. T. C. FLYING CLUB

## **OFFICERS**

(Seated) John Bouma, President; (left to right) Edward Mayo, Publicity Officer; Richard Nelson, Vice President; Robert Hutson, Flight Coordinator; Carl Rhoda, Safety Officer; Edward Cox, Secretary;

T. De Verteuil Williams, Treasurer.



The I.T.C. Flying Club, largest and most active student body group, is composed of sixty members. The Club owns two planes, a Cessna 140, and an Aeronca Champ; both are hangared at Smith Field. Day and night—local and cross-country flights are made at a very slight expense to the members. The Club was formed to make flying possible for the students who own license, and qualified instruction possible for the students who wish to obtain a license at a reaonable cost. The Club operation is solely supported by members' dues.



Club Planes at Smith Field: Aerona Champ in foreground. Cessna 140 in background.



Cessna 140 N1992V at Smith Field gas pump ramp.

Club plane Aeronca Champ N83656, ready for take-off.





First row, left to right: Franklin Natividad, Haruo Matsunaga, Robert Seo, Richard Agawa, Hideo Toyama, Ernest Busboso, Wilfred Honda, Second row: Roy Inikawa, Kazuo Togashi, Frank Yamada, Charles Asato, Stanley Uyechi, Gordon Hashimoto, Tadao Kuroda, David Segawa, Paul Miike, Isamu Higa, Ronald Oda, Thomas Hamada, Shigeo Fukushima. Third row: Kenji Nakahara, Sammy Zaan, Harry Honda, Manuel Alberas, Stanley Yumen, James Takeuchi, Jerry Okamura, Agripino Batoon, Larry Watanabe.

### Home of the Hawaiian Club.

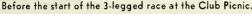


## **OFFICERS**

HIDEO TOYAMA
CHARLES ASATO Vice-President
SHIGEO FUKUSHIMA Secretary
HARUO MATSUNAGA
SAMMY ZAAN Sergeant-at-Arms
HAPPY HONDA Athletic Chairman

The Hawaiian Club is composed of Indiana Technical College students from the Hawaiian Islands. The primary purpose of the organization is mutual assistance during the course of the members' undergraduate study.







Paul and Al tickle the strings.

# AN



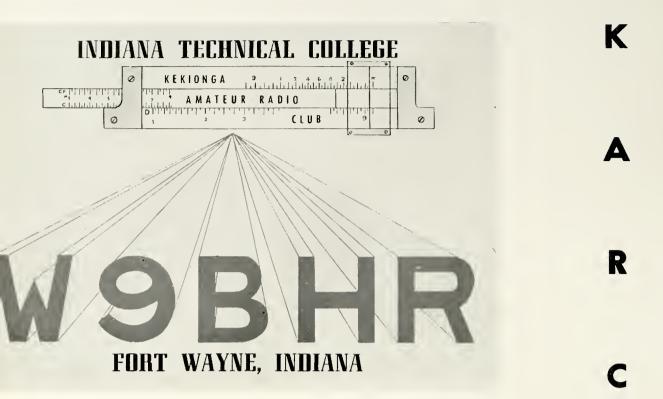
Hawaiian Nite at the Y.W. Notice the girls' apparel—it's the muumu, not the sack.

"Life of the Party" Ernest Busboso leads in song fest.

Mr. Price displays his gift as President Toyama locks on.







First Row: Isamu Higa, Stanley L. Babbitt, Secretary; Mr. Ralph S. Carson, Faculty Moderator; Henry F. Corson, President; William Frisbie. Second Row: Jerald Brouwer, Eugene Mars, Fredrick Slaughter, Treasurer and Chiet Engineer; James R. Loucks, Richard E. Oakley, Raymond J. Ryan, Richard L. Prunuske, Vice-President; Clyde F. Davenport, Members absent: Robert A. Seo, Dennis Mulcaty, Jesse Durbin, William E. Berndt, Paul F. Welty, Charles Yelverton.





An impressive collection of reply cards from stations worldwide; also awards for "Worked All States," "Rag Chewers Club," and membership in the "Indiana Radio Club Council."

The purpose of the Kegionga Amateur Radio Club is to foster amateur radio activities among the students of Indiana Technical College. The Club operates its own equipment on the 80, 40, 20, 15, 11, 10, and 6 meter Amateur Bands. Mobile operation, a large transmitter project, and Code classes for the beginners headline our present activities. Serious experimentation as well as Civil Defense and message handling is a part of our contribution to the com-

Students of the school were offered the facilities of our message handling service. The club is constantly swelling in number and in the latest in electronic equipment. Our antennae system comprises diopoles on 80, 40, 20, and rotateable beams on 15, 11, 10, and the 6 meter Amateur Bands.



A view of the operating position in the "ham shack." Shown from left to right-VHF Converters, DX-100 Transmitter, Frequency Standard, and the Conelrad Monitor near the ceiling.

Some of the crew at W9BHR listening for D. X.



Practicing Code is important, as Mr. Mars demonstrates.





First Row, left to right: Arnold Gahlinger, Fred W. Margosiak, Vic Gassi, Angelo Damilatis, David McCarty, Second Row: Martin J. Hermanns, Edward G. Stets, Chuck Clevenger, Shafeeh M. Hamzeh, John L. Brendell. Third Row: Richard D. Kohl, Robert L. Gunberg, Henrik Eskesen, James A. Milnes, Major Singh, Hari S. Advani, Fourth Row: Donald J. Wagner, Douglas Florence, Richard Gasdorf, Larry Odelius, Don Harrawood.

## MECHANICAL CLUB

The Mechanical Club is the official social organization of the Mechanical Department of Indiana Technical College.

Meetings of the club are held at two week intervals during each term. At the meetings, interesting and informative films are shown, and speakers are occasionally presented. The club schedules field trips to industries in Fort

Wayne and also to plants in out-of-town locations.

The entrance of the Mechanical Department into intra-mural sports is controlled by active members of the club.

All club members are recognized as affiliates of the Fort Wayne Section, ASME and are eligible to attend the meetings and functions of this organization.

## NEW MAN CLUB

The Newman Club is designed to help the Catholic students on secular and state college campuses in their religious, cultural and social life. The various activities sponsored are aimed to supplement and round out the education of the students, under the guid-

ance of chaplains appointed by the Bishop of the Diocese. The inspiration of the great Cardinal Newman, long an advisor at Oxford University, is the beacon guiding the various foundations which exist at over 300 colleges and universities in the United States.

First Row, left to right: Father Isenbarger, Walt Greiner, Secretary; John Wagner, Treasurer; Tom Ryan, President; Ed Pelic, Vice-President; Manuel Garcia, Larry Bunch, Joe Cranmer. Second Row: Miles Hallet, Jim Garcia, Bill Coyle, Mike Brinkman, John Uwelling, Bob Spencer, Marty Hermanns, John Toy, Tom Zruno, John Petrick, Jerry Stankiewicz. Third Row: Joe Connelly, Alex Zamperni, John Ster, Bob Gungerg, Lou Gerig, Charles Semlick





INDIA ASSOCIATION





Keep your eye on this laboratory. Very soon it will be one to be proud of. As can be seen, the lab is already expanding with experimental equpiment.

### PHYSICS CLUB

Keeping in step with the progress at Indiana Technical College, the Physics Department has sponsored a newly formed organization called the Physics Club. Under the moderatorship of Mr. L. R. Etter, the Physics Club has set as its goal the advancement and diffusion of knowledge of the science of physics and its application to human welfare.

The organization has acquired a laboratory for experimental projects. An X-ray machine, a Van de

Graff generator, and an electron to mass ratio apparatus are among the experimental apparatus that have been acquired. The club's activities include field trips into industry and the acquisition of notable lecturers in the field of Physics.

Membership in the organization is open to all students having physics as one of their primary interests.





First Row, left to right: M. A. Azad, Mr. A. C. Steinbach, Faculty Moderator: S. M. Khan, S. J. Ahmed. Second Row: T. H. Gill, N. A. Siddique, A. H. Mian, S. Haq, A. S. Haider, Wajeeuddin

# PAKISTAN

#### **OFFICERS**

S. M.	KHAN					٠			President
\$. J.	AHMED								Vice-President
M. A.	AZAD .								Secretary
MR. A	. C. STE	INBA	\Cŀ	+					Faculty Moderator

Dr. and Mrs. Keen and other guests are being entertained by Pakistani Students.





# STUDENT'S ASSOCIATION

On September 15, 1956, the Pakistan Students Association of America, Fort Wayne Chapter, was organized.

The purpose of the organization is to create better understanding between Americans and Pakistanians through education and cultural activities, and to promote closer contact and co-operation between Pakistani students.

A Pakistani student, M. Ahmed, is explaining Pakistani handicraft to Dean Robinson at the Pakistani Students Opera-House at Saint Francis College.





## SOCIETY OF AUTOMOTIVE ENGINEERS

The Society of Automotive Engineers is a student branch, affiliated with the National Society of Automotive Engineers, and is sponsored by the Mechanical Engineering Department. Membership is open to all engineering students who are interested in the advancement of the Automotive Industry.

First Row, left to right: Chuck Barnum, Secretary; Bill Keller, Chairman; Walter F. Klein, Treasurer; George Pavlou, Edgar Kolb. Second Row; Don Riley, Arnold Cowan, Theoharis Kehayioglou, Shafeeh Hamseh, Don Meyers, Larry Odelius, Haffar Aley. Third Row: Thomas Berghoff, Robert Wind, Walter W. Bacon, Robert E<sub>.</sub> Spencer, Dale Fischer, Carl Hawthorne, Malcolm Champion.





TECHNICIAN STAFF

#### AMERICAN MILITARY ENGINEERS





First Row, left to right: Christa Huston, Yvette Dowe, Louisa Vanadia, Virginia Piner, Sandy Klein, Delores Musgrove, Judy Hawk, Sue Bach, Kay Bradley, Marion Eskesen, Jan Nelson. Second Row: Roberta Lockwood, Joan Zimmermann, Helen Krediet, Betty Seymour, Delores Carr, Jean Mc-Cormick, Mary Atkinson, Carolyn Schaag, Kae Betts, Annetta Whittig, Mary Louise Rosbaugh, Darlene Neff, Sally King, Brenda Peterson. Third Row: Ruth Pipes, Shirley Smith, Rita Paul, Penny Wadell, Estelle Ryan, Mary Myers, Nancy Cain, Delores Black, Iris Reily, Carolyn Mayo, Marie Peters, Ann Mussdorfer.

#### TECH STUDENT WIVES' CLUB

OFFICERS

(Sitting) Sandy Klein, President: Standing, left to right: Kay Bradley, Vice-President: Sue Bach, Treasurer: Virginia Piner, Secretary.



The Tech Student Wives' Club meets biweekly at the Fort Wayne Housing Authority
Recreation Center, 1825 Morris St. Throughout the year the Club has had such activities
as a Chinese Auction, a picnic, a Civic Theater production and a variety of speakers.
High-lighting the year are the semi-annual
banquets honoring members who are wives of
graduating seniors. All wives of Tech students
are urged to join this informal club which has
been organized for them.



# UKRAINIAN STUDENT CLUB

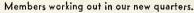


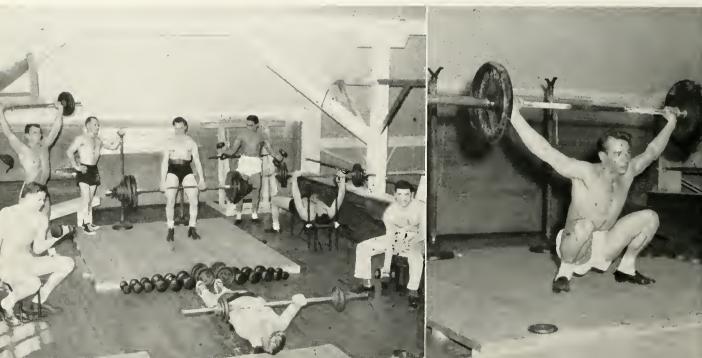
# WEIGHTLIFTING and BODY BUILDING CLUB

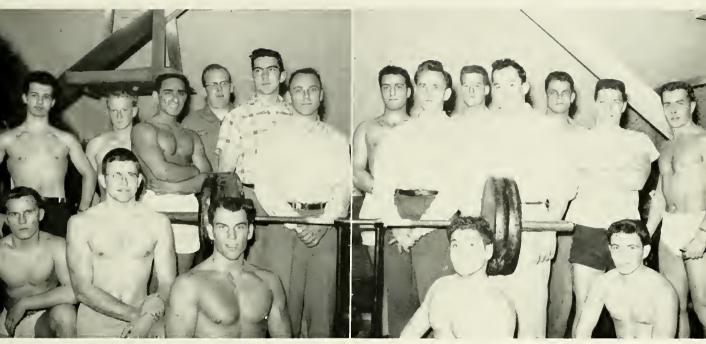
The Weightlifting and Bodybuilding Club of Indiana Tech had its inception in the newly acquired gymnasium in January of 1958 under the presidency of Ken Gulla and with the assistance of Faculty Moderator, Jack Quinn and the cooperation of Athletic Director, Murray Mendenhall.

At the present time the club has obtained several hundred pounds of weights and a variety of specialized bodybuilding equipment. Membership has grown to approximately forty active members who have scheduled workouts two hours a day for three days a week. Competitions are held from time to time each term among the members.

Development of the club will continue as new members and more equipment are procured. It is anticipated that teams from the club will represent Tech in various intercollegiate and national competitions.







Front Row, left to right: Herbert Lenzkes, Don King, Chuck Toepfer, Warren Frank, Kurt Stiefvater, Second Row: Dick Tavano, Walt Schultz, Fred Scribnik, Dick Bayles, Jim Robertson, Treasurer; Jack Quinn, Faculty Moderator; Joe Perri, Dan Bednarski, President; John Walker, Ed Koeppe, Vice-President; A. B. Albers, William Jacob, Earle Brown, Public Relations.

Dan Bednarski, with 300 pounds aloft, is the outstanding lifter of the club. Dan has gained state and national recognition for his lifts. His 765 pound Olympic lift total is the present record for the 165 pound division of the state of Indiana.



Ed Koeppe represents the bodybuilding segment of the club. Ed won the Mr. Indiana Physique Title in 1955 and, in addition, has placed in various state and national physique competitions.





Kneeling, left to right: Vincent Quaderilleiu, Stan Puskarz, Mel Miller. Sfanding: Richard Kerr, Charles Kissieling, Norbert Torzyn, Cleo Betts.

# INDIANA TECH RIFLE CLUB

DEDICATED TO ALL THE UNCOOPERATIVE ORGANIZATIONS

# fraternities



Winning team of the IFC "Best Ball" golf tournament was composed of Don Henderson, holding the trophy, Don German, Joe Sekel, and Sam Giavara (L. to R.)



Those who participated in the tournament are from left to right, front row: Sam Reitz, Dom Pitone, Don German, Don Henderson, Sam Giavara, Gary Ridenour, Norm Palazzini. Back row: Dick Heivy, Kemp Stieber, Tom Goebel, Joe Consonni, Joe Sekel, Tom Ryan, Bob Payne, Ron Petroff.

### INTERFRATERNITY COUNCIL

Formed at Tech during the 1951-1952 school year, the Inter-Fraternity Council has as its goal the betterment of relations between the recognized fraternities and the school paper. It is composed of two members from each fraternity. By competing in most all the intramural sports, the members of the

various member fraternities are afforded an excellent opportunity to expand their acquaintances, to mingle, and exchange friendship and cooperation. Present member fraternities: Alpha Gamma Upsilon, Beta Sigma Tau, Kappa Sigma Kappa, Kappa Sigma Phi, Sigma Phi Delta.

Front Row, left to right: Sam Reitz, Al Shapiro, Ray Rowles. Back Row: Ron Bonar, John Mutkoski, Joe Sekel, Sam Ketchum, Joe Bienas.



### IOTA TAU KAPPA

lota Tau Kappa was organized as a means of rewarding exceptional scholarship. In September of 1942, Indiana Technical College inaugurated an honorary scholastic fraternity symbolizing ''Industry, Truth, and Knowledge'' by the Greek letters lota Tau Kappa. Students maintaining a point average of 3.5

or better for each of four terms of college work became eligible for membership. It is the conviction of the fraternity that with "Industry, Truth, and Knowledge" as a beacon on our path through life no problem or task will appear too difficult.

Seated, left to right; Ralph Carson, Albert R. Martin, Earl C. Kepner, Jr., Vice President; Kenneth A. Zimmerman, President; Joseph W. Cranmer, Benjamin Dow, Howard Macklin, Standing: Thomas Usai, Richard W. Lieberman, Thomas E. Altgilbers, Gene L. Neff, Fred C. Bader, Leonard Stenberg, George F. Griebel, Philip J. Surico, Ray J. King.





Front Row, left to right: Harvey West, Harry Brown, Gene Neff, Rollie Pipes, Dwight Raddatz. Back Row: Edwin Gediman, Pat Garrett, Ronald Smith, Dave Ray, Ray McKinnis, Charles Daniels, Joe Miller, Don Calvin, Robert Mack.

### ALPHA OMEGA TAU

A display of Fraternity hats by brothers.



The Alpha Omega Tau social fraternity became a part of Indiana Technical College in January 1957. The purpose of this fraternity is to promote fellowship, social, scholastic, and recreational activities for its members.

The entire membership is looking forward in the next year to forming its first affiliated chapter which will consist of De Molay members.



Retiring President Garrett presenting gavel to incoming President Daniels for Fall Term 1957.

#### **OFFICERS**

GENE NEFF
HARRY BROWN Vice-President
ROLLIE PIPES Secretary
HARVEY WEST
DWIGHT RADDATZ Business Manager

Alpha Omga Tau Brothers enjoying a coffee break.





Pres. Garrett presenting Dr. Dixon with Honorary Membership.



Outgoing Pres. Daniels presenting gavel to Gene Neff for Winter and Spring Terms 1957-58.

Alpha Omega Tau men with Dr. Todd Dixon, Faculty Advisor.





Front Row, left to right: Frank Pepe, Norman Gellman, Philip Surico, Tho mas Ryan, Ronald Petroff, Harold Hankins, Donald Ketchum, Herbert Gitell.

Second Row: Donald Martin, Robert Eberly, Andre Wetzel, Israel Guterman, Fred Sribnik, Richard Anderson, Steve Trusik, Thomas Corby, Howard Lehr, Robert Clark, Albert Shapiro, Robert Wind, Paul Sulprizio, Third Row: Mr. Bernhardt, Faculty Moderator; John Steward, Norman Palazini, John Bagglier, Gordon Harper, Robert Gornstein, Theadore Alt, David Mayers, Jona Mann, Joseph Bienas, John Chow, Jerry Cormier, Brothers not present: Victor Banichar, Glenn Campbell, John Griffin, Irvin Longenecker, Richard Northey, Robert Payne, Georges Saucier.

#### BETA SIGMA TAU

Beta "B"s



Beta Sigma Tau is one of the newest fraternities at Indiana Technical College. Originating as Theta Mu Phi slightly over a year ago, later as Beta Sigma Tau, Indiana Technical College Colony and on the eighth of September, 1957, Beta Sigma Tau was accepted as a member of the national organization.

The ideals of this social fraternity are Brotherhood and Democracy which transcend racial, national and religious differences. One of the many highlights has been the purchase of the fraternity house located only three blocks from the college campus.



End of term banquet at Goegline's Barn.

#### **OFFICERS**

#### Winter-Spring 1957-58

RONALD	PETROFF .	٠	,	-			President
THOMAS	RYAN					Vice	-President
HAROLD	HANKINS					Recording	Secretary
DONALD	KETCHUM						Troasurer



Beta Sigma Tau fraternity house—III5 E. Washington St.

End of term Banquet at Goegline's Barn.





On November 8, 1946, the Sigma Chapter of Kappa Sigma Kappa was founded at Indiana Technical College. Their circle of Brotherhood is closely knit together by ideas of trust, mutual confidence, and fraternal cooperation. The aims of this social fraternity are the contribution of its brothers toward higher achievement in scholarship and the joint participation in all extra-curricular activities.



Mr. Dan Dwyer is congratulated by Tom Brown after his initiation. Mr. Dwyer is our faculty moderator.

All active smiles are optimistic about 1958. Standing, left to right: Bob Gunberg, Per Anti, Pawan Mehra, Neophyte Paul Minor, Don Henderson, Joseph Sekel, Sam Giavara, Bob Festa Seated: Edward Schaag, John Martin, Dan Dwyer, Richard Pliska, Tom Brown, Robert Julian, Herbert Orth. Not in picture: Frank Datti, Byron Foreman, Carlo Pexxoni, Jach Anspach, Mr. Ben Kemp, Dough Chenoweth, Rogelio Andreu, Sam Patell, Al LeBlanc, Sarkis Baribian, Paul Cunningham.



# KAPPA SIGMA KAPPA









Kneeling, left to right: Hal Weidner, Lee Koinzan, Reg Downey, Harold Griswold, Bob Williams, Ivo Nuth. Seated: Richard Durgin, Sim Ruhl, Corr. Secretary; Ernest Fox, Treasurer; Gene Neff, President; Larry Shrout, Secretary; Robert Marshall, Faculty Moderator; Bob Wentz, Back Row: John Carroll, Jerry Green, William Davis, Mike Johnson, Paul Roberts, Richard Kohl, Robert Gatz, Peter Schmitz, Ralph White, Col n Holmeshaw, Thomas Bradford, George Schumacher, Gene Scott, Gary Nelson. Brothers not present: Robert Kulsik, Sergeant at Arms; Fran Frassmann, Maurice Hubscher, Donald King, John Meanor, Harold Philips, Raymond Rowles, Vice-President; Charles Yelverton, Maurice Rock.

## KAPPA SIGMA PHI

A pledge class proudly displays their costumes.



Kappa Sigma Phi is a social fraternity dedicated to the promotion of Fellowship, Scholarship, and Sportsmanship. The purpose of this fraternity is to bring together, in close bonds, the brothers of this fraternity; to assist one another while in school as well as in the business world.

Kappa Sigma Phi was incorporated on November 27, 1946 as a social fraternity. On October 1, 1950, Beta Chapter was recognized by Indiana Technical College. The fraternity owns and maintains a house at 1509 Hugh St. The brothers extend several invitations to prospective pledges each term for initiation into the fraternity.



Kappa Sigma Phi Gimicks on Radio WANE.



 $K \Sigma \Phi$  prepares for the big parade.



Kappa Sigma Phi well represented.



New brothers performing for members at a social event.

The six best dressed men in Fort Wayne.

Kappa Sigma Phi's new home at 1509 Hugh St. Brothers King, Shrout, and Weidner discussing the weather.





#### PHI IOTA ALPHA

Phi lota Alpha is a national Fraternity representing Latin American students in the United States. It strives for a better union of all Latin American countries and for closer relations with the United States. In Indiana

Technical College it is an important source of help for the Latin American students in learning the customs of the people of North America.

#### **MEMBERS**

BERNARDO ABBADIE
MARIO BETERO Ecuador
HUMBERTO DE LA PENA Mexico
SERGIO ESTRADA
LUIS E. FONSECA Colombia
LAZAR GILINSKI Colombia
JOSE GRANATI Venezuela
ALEXIS HERNANDEZ
RONALDO HERNANDEZ Venezuela
JULIO CESAR PEREZ
CARLOS SANDOVAL Venezuela
TEOFILO WILLIAMS Venezuela

TIMO AIJ	ALA											Finlar	nd
ALVARO	CRIST	ANC	Н	0								. Colomb	ia
enrique	DE L	a ro	SA	٠.		-		-				Puerto Ric	0
DANIEL F	ERNA	NDEZ	-									Cub	oa
GONZALO	) GA	RRID	0									. Venezue	la
ALONZO	GON:	ZALE	Z									Mexic	0
LANVILLE	HAR	DIE										Cub	a
JESUS L. H	HERN	ANDE	Z			-				-		Cub	a
JOSE MIG	UEL.	PARR	Α									. Venezue	la
TOMAS E.	RAM	ION							-			Spai	'n
JAMES SE	RPAN	IOS										Greec	е
LUIS E YE	PES											. Colombi	ia

Mr. Quinn, Carlos Sandoval, and Gonzalo Garrido.



Mr. Cleo Quinn, Fraternity Advisor.



Club activities are informal Sunday evening reunions for members and their families, formal parties throughout the school

term, regular weekly meetings, a weekly Latin-American music broadcast over WGL Radio Station, and general outdoor sports.



Jose J. Granat, Gonzalo Garrido, Jose Miguel Parra, Mario Bertero, Ronaldo Hernandez.



Front view of the fraternity house.



Sunday Evening Social.



The Latin American Broadcast over WGL—Carlos Sandoval, Lenville Hardie.







### SIGMA PHI DELTA



#### **OFFICERS**

R	CHARD E. BENDER	(	Chief Engineer
R	DBERT SHERLIN	Ass't. (	Chief Engineer
LE	LAND REID	. Bus	iness Manager
Н	AROLD KELLER		Secretary

The social life of an engineering student is limited by the amount of time he can devote away from long assignments in scientific theory and long hours in the laboratory. A social engineering fraternity, within which the professional engineer can plan his social life in accordance with his work load, gives him a broadened culture necessary to assure entrance into post college life without being flat on one side. This is the function of Sigma Phi Delta.

First Row, left to right: John Ster, Lindsay R. Rash, Pledge Dunaway, Pledge Cowley, Pledge Borowski, Frank Vanadia, Leland Reid, James Thaler, Second Row: Bob Day, Arno'd Elgort, Calvin Collier, Donald Gaugler, Joseph Lacivita, Stanley Grey, Edgar Kolb, Richard Bender. Third Row: Paul Latsey, Charles Stinchfield, Ronald Hicks, Stanley Puskarz, Wesley Munson, R chard Schommer, Robert Yoesting, Raymond Hoffman, Stanley Trizinski, Richard Heiny, James Creech. Fourth Row: Jack Guidish, Vance Stanhope, Charles Yon Weinstein, James Cavanaugh, Robert Sherlin, Thomas Scalzo, William E, Donahue, Ph.D., Thomas Goebel, Don ald Forister, George Peterson, William Hambrock,





Pledges entertain graduates at Winter Banquet.



Brother Lyle Oleson visits Lambda.



Comfortable quarters at Lambda House.

A gold-dust twin makes his bequeathal.

Winter graduates give last toast.





Seated, left to right: Domenick Pitone, Recording Secretary; Ron Bonar, President; Prof. Rimmel, Faculty Advisor; Dr. Planck, Harvey Unger, Chapter Counselor; Gene Durand, Conrad Brault, Treasurer; and Holly Young, Corresponding Secretary. Second row: Thomas Zruno, Vice-President; Dave Crotty, Sergeant at Arms; John King, Pledgemaster; Titus Bilik, Clarence Beach, House Manager; Wilfred Mills, Anthony Gies, Dennis Buechel, Angus McDonald, Al Brooker, Jim Doyle, and Jim Covert, Member-at-Large. Back row: John Mutkoski, Jim Garcia, Bill Berndt, Ron Gould, John Munson, Bob Swisher, Don Cassidy, Dick Walsh, Frank Germano, Joe D'Ambrosio, Dom Tucci, and Joe Consonni.

A L G P A U H M P A M S A L Ron and Joe with fraternity displays at Indiana Technical College's Open House.



A brief resume of the past year's events easily supports Alpha Gam's past, present, and future theme—continued growth in every respect.

This past year Beta Men became an integral part of the recreational program of the Ft. Wayne State School for the mentally retarded. The many outings were highlighted by taking a group to the I.O.O.F. sponsored Rodeo. Another enjoyable outing was an Easter Egg Hunt put on for the benefit of the children at the County Orphans Home.

In the field of sports, our competitiveness is evidenced by the accumulation of trophies in our house.



A closely knit group, it is hard to find a member by himself.





A highly successful social event put on by the pledge class of the spring term for the membership and their dates.

Presentation of the Alpha Gamma Upsilon Scholastic Award to two deserving students from Tech, John Zmuidzinas and Richard LaFever, by Pres. Durand on the left and Mr. Unger on the right.



A glance at Beta's social calendar recalls two very successful dances sponsored by the Alpha Gams' which drew upwards to 500 people, and, also, many smaller dances and parties held at the Chapter House.

Another big event was the Alpha Gamma Upsilon National Convention held in Ft. Wayne on Oct. 17, 18, and 19 sponsored by Beta Chapter. The unified effort of the membership was a key factor in the success of the memorable occasion.

Alpha Alpha Pi, our sister sorority, has on many occasions aided the fraternity in helping to make many of our projects a success.

A successful year has now been closed. Thoughts and actions are now turned to the year forthcoming.



ALPHA ALPHA PI, the auxiliary chapter of ALPHA GAMMA UPSILON, is composed of wives and fiances of active members. Seated left to right are Mrs. Gerrard, Mrs. Hoggard, Mrs. McDonald, Mrs. Swisher, Mrs. King, Mrs. Talbott, Mrs. Brooker and Mrs. Covert.



Business Meeting?



At one of our highly successful dances.







